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## ***DIRECTOR'S NOTE***

We are pleased to present the 2003-2004 edition of the *Kentucky Agricultural Statistics*. This publication represents a cooperative effort between the Kentucky Agricultural Statistics Service (KASS) and the Kentucky Department of Agriculture and contains current statistics for Kentucky's \$3.5 billion agricultural industry.

The voluntary cooperation of thousands of farmers and agri-businesses, and the dedicated efforts of the KASS office staff in compiling the collected data, are essential for us to maintain reliable facts on the changes in Kentucky agriculture. A special thanks also goes to the dedicated staff of field and telephone enumerators who have spent many hours collecting data. These enumerators are our goodwill ambassadors to Kentucky's agricultural community.

We successfully completed the 2002 Census of Agriculture and released results for Kentucky in early June. Information from the AG Census was widely distributed to data users and data resources entities and portions are contained in this bulletin. The Census of Agriculture is the only source of uniform, comprehensive agricultural data tabulated for every county in the Nation. It is also the sole source of data for farms classified by size, tenure, type of organization, market value of farm products sold, and type of enterprise. I would like to personally thank all farm operators who took the time to complete a Census of Agriculture reporting form or spoke with one of our representatives regarding the AG Census.

This book is only one of many ways to receive statistical reports on Kentucky agriculture. Please visit our website at [www.nass.usda.gov/ky](http://www.nass.usda.gov/ky) and view all our reports there. Reports can be delivered free to your e-mail address, or hardcopy reports are available for a small fee. Please contact us anytime with your questions, comments and requests for information. The staff of the Kentucky Agricultural Statistics Service is dedicated to serving the agricultural data needs of all users.

**NUMBER OF FARMS, AVERAGE SIZE OF FARM, AND LAND IN FARMS,  
KENTUCKY, 1974-2003**

YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS	YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS
	1,000	ACRES	1,000 ACRES		1,000	ACRES	1,000 ACRES
1974	121	130	15,700	1989	95	149	14,200
1975	107	138	14,800	1990	93	152	14,100
1976	106	139	14,700	1991	91	155	14,100
1977	105	140	14,700	1992	91	155	14,100
1978	104	142	14,800	1993	95	148	14,100
1979	103	143	14,700	1994	94	150	14,100
1980	102	143	14,600	1995	93	151	14,000
1981	103	142	14,600	1996	92	152	14,000
1982	103	141	14,500	1997	91	153	13,900
1983	103	141	14,500	1998	90	153	13,800
1984	101	144	14,500	1999	91	149	13,600
1985	100	145	14,500	2000 <sup>1/</sup>	90	152	13,700
1986	99	146	14,500	2001 <sup>1/</sup>	88	157	13,800
1987	99	145	14,400	2002 <sup>1/</sup>	87	159	13,800
1988	97	147	14,300	2003	87	159	13,800

**NUMBER AND AVERAGE SIZE OF FARMS, BY SALES CLASS,  
KENTUCKY, 1998-2003 <sup>1/</sup>**

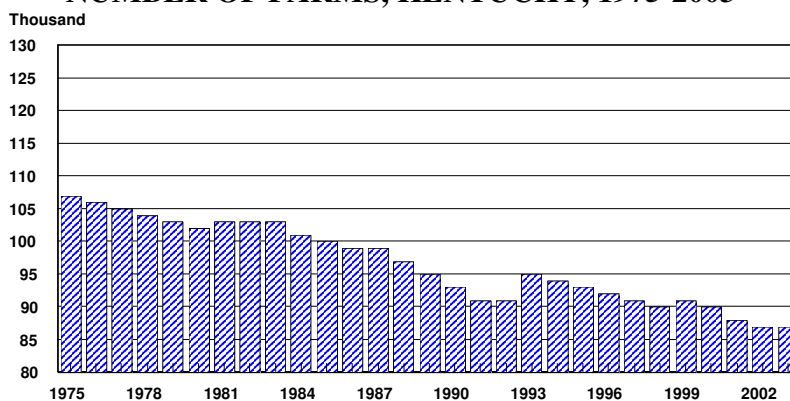
YEAR	\$1,000-9,999		\$10,000-99,999		\$100,000+	
	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)
1998	51,000	76	33,000	179	6,000	667
1999	52,000	77	33,000	173	6,000	650
2000	51,000	78	33,000	170	6,000	683
2001	54,000	81	28,000	186	6,000	700
2002	56,500	81	25,000	204	5,500	745
2003	56,500	81	25,000	204	5,500	745

**NUMBER OF LIVESTOCK FARMS,  
KENTUCKY, 1998-2003**

ITEM	1998	1999	2000	2001	2002 <sup>1/</sup>	2003
ALL CATTLE	50,000	48,000	48,000	47,000	47,000	46,000
BEEF COWS	42,000	41,000	40,000	39,000	40,000	39,000
MILK COWS	3,400	3,200	3,000	2,900	2,600	2,500
HOGS	1,700	1,400	1,300	1,300	1,200	1,000

<sup>1/</sup>REVISED.

**NUMBER OF FARMS, KENTUCKY, 1975-2003**



### NUMBER OF FARMS, AVERAGE SIZE OF FARM, AND LAND IN FARMS, UNITED STATES, 1974-2003

YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS	YEAR	NUMBER OF FARMS	AVERAGE SIZE FARM	LAND IN FARMS
	1,000	ACRES	1,000 ACRES		1,000	ACRES	1,000 ACRES
1974	2,795	388	1,084,433	1989	2,175	456	990,723
1975	2,521	420	1,059,420	1990	2,146	460	986,850
1976	2,497	422	1,054,075	1991	2,117	464	981,736
1977	2,456	427	1,047,785	1992	2,108	464	978,503
1978	2,436	429	1,044,790	1993	2,202	440	968,845
1979	2,437	428	1,042,015	1994	2,198	440	965,935
1980	2,440	426	1,038,885	1995	2,196	438	962,515
1981	2,440	424	1,034,190	1996	2,191	438	958,675
1982	2,407	427	1,027,795	1997	2,191	436	956,010
1983	2,379	430	1,023,425	1998 <sup>1/</sup>	2,192	434	952,080
1984	2,334	436	1,017,803	1999 <sup>1/</sup>	2,187	434	948,460
1985	2,293	441	1,012,073	2000 <sup>1/</sup>	2,167	436	945,080
1986	2,250	447	1,005,333	2001 <sup>1/</sup>	2,149	438	942,070
1987	2,213	451	998,923	2002 <sup>1/</sup>	2,135	440	940,300
1988	2,201	452	994,423	2003	2,127	441	938,750

### NUMBER AND AVERAGE SIZE OF FARMS, BY SALES CLASS, UNITED STATES, 1998-2003 <sup>1/</sup>

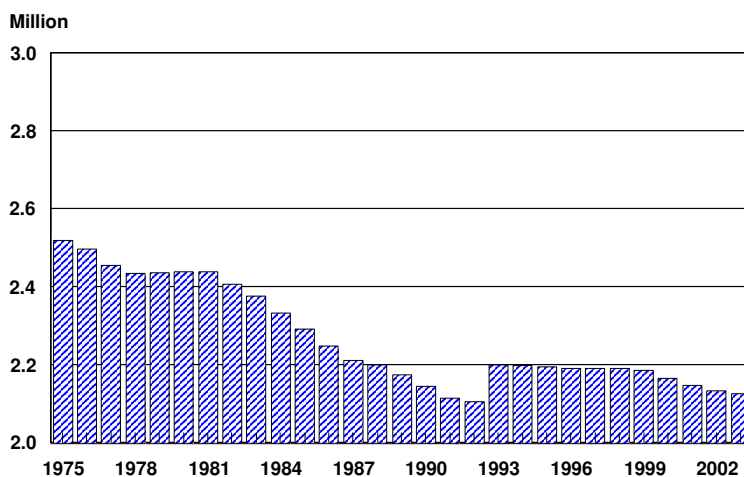
YEAR	\$1,000-9,999		\$10,000-99,999		\$100,000+	
	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)	NUMBER	AVG. SIZE (ACRES)
1998	1,184,380	111	651,400	439	356,550	1,501
1999	1,187,390	109	648,710	436	351,180	1,527
2000	1,183,480	108	638,380	437	344,920	1,558
2001	1,189,920	107	621,490	442	337,220	1,602
2002	1,201,840	105	604,570	449	328,950	1,649
2003	1,199,270	104	600,530	450	327,060	1,663

### NUMBER OF LIVESTOCK FARMS, UNITED STATES, 1998-2003 <sup>1/</sup>

ITEM	1998	1999	2000	2001	2002	2003
	1,000					
ALL CATTLE	1,114.7	1,095.6	1,076.4	1,049.2	1,036.4	1,013.6
BEEF COWS	855.5	844.2	831.3	814.5	808.1	792.1
MILK COWS	117.1	110.9	105.1	97.5	91.2	86.3
HOGS	113.6	99.6	87.5	81.2	76.3	73.6
ALL SHEEP	71.8	70.0	69.2	68.6	68.2	67.6

<sup>1/</sup>REVISED.

### NUMBER OF FARMS, UNITED STATES, 1975-2003



## FARM REAL ESTATE

### AVERAGE VALUE OF FARMLAND AND BUILDINGS

DOLLARS PER ACRE, JAN. 1, 1990 - 2004

State	1990	1995	1999 <u>1/</u>	2000 <u>1/</u>	2001 <u>1/</u>	2002 <u>1/</u>	2003 <u>1/</u>	2004
Illinois	1,405	1,820	2,220	2,260	2,290	2,350	2,430	2,610
Indiana	1,254	1,620	2,170	2,260	2,350	2,460	2,570	2,770
<b>KENTUCKY</b>	<b>978</b>	<b>1,250</b>	<b>1,550</b>	<b>1,650</b>	<b>1,750</b>	<b>1,830</b>	<b>1,900</b>	<b>2,000</b>
Missouri	701	880	1,150	1,230	1,300	1,380	1,470	1,580
Ohio	1,273	1,750	2,190	2,330	2,470	2,600	2,740	2,930
Tennessee	1,067	1,340	1,950	2,100	2,200	2,300	2,400	2,500
Virginia	1,665	1,720	2,080	2,230	2,380	2,530	2,700	2,850
W. Virginia	664	920	1,150	1,210	1,270	1,330	1,400	1,500
48 STATES	683	844	1,030	1,090	1,150	1,210	1,270	1,360

### CROPLAND RENTED FOR CASH

AVERAGE GROSS CASH RENT, DOLLARS PER ACRE, 1990 - 2004

State	1990	1995 <u>2/</u>	1999	2000	2001	2002	2003	2004
Illinois	99.70	99.70	111.00	119.00	119.00	122.00	123.00	126.00
Indiana	88.40	88.40	99.00	100.00	100.00	101.00	103.00	107.00
<b>KENTUCKY</b>	<b>52.80</b>	<b>52.80</b>	<b>70.00</b>	<b>74.00</b>	<b>72.00</b>	<b>68.00</b>	<b>70.00</b>	<b>72.00</b>
Missouri	51.10	51.10	59.00	62.00	65.00	66.00	70.00	76.00
Ohio	67.10	67.10	73.70	74.00	76.50	77.00	78.00	80.00
Tennessee	43.00	43.00	62.00	60.00	59.50	60.50	62.00	67.00
Virginia	35.70	35.70	35.70	36.50	36.50	36.00	36.50	39.00
W. Virginia	30.00	30.00	28.00	26.00	26.00	27.00	28.00	30.00
48 STATES	-	-	67.50	70.00	71.00	71.60	73.00	76.50

### PASTURE RENTED FOR CASH

AVERAGE GROSS CASH RENT, DOLLARS PER ACRE, 1990 - 2004

State	1990	1995 <u>2/</u>	1999	2000	2001	2002	2003	2004
Illinois	33.20	27.65	31.00	33.00	33.00	32.00	32.50	34.00
Indiana	35.30	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
<b>KENTUCKY</b>	<b>24.90</b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>	<b><u>3/</u></b>
Missouri	24.10	16.40	18.50	20.00	22.50	23.00	23.50	26.00
Ohio	28.80	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
Tennessee	26.90	14.30	16.40	18.00	18.00	17.00	17.50	19.00
Virginia	22.40	14.00	15.50	16.00	16.50	16.00	16.50	17.50
W. Virginia	11.50	14.00	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>
48 STATES	-	-	8.90	8.50	9.20	9.20	9.00	9.60

1/Revised. 2/Change in survey procedures. 3/Insufficient information.



## FARM EMPLOYMENT AND WAGE RATES

### APRIL 2003 - APRIL 2004

FARM EMPLOYMENT	APPALACHIAN II <sup>1/</sup>					UNITED STATES <sup>2/</sup>				
	Apr. 2003	July 2003	Oct. 2003	Jan. 2004	Apr. 2004	Apr. 2003	July 2003	Oct. 2003	Jan. 2004	Apr. 2004
	(1,000)					(1,000)				
Hired Workers:	29	36	38	32	35	781	943	891	662	825
Expected to be Employed:										
150 days or more	17	19	18	20	23	619	680	626	549	648
149 days or less	12	17	20	12	12	162	263	265	113	177
Agricultural Services:										
Workers Working on Farms	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	157	320	306	185	252
Hired Farm & Service Workers	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	<u>3/</u>	938	1,263	1,197	847	1,077
Hours Worked:	(Hours Per Week)					(Hours Per Week)				
Hired Workers	33.7	32.6	36.2	33.6	36.2	40.1	39.8	40.2	38.1	40.7
Wage Rates:	(Dollars Per Hour)					(Dollars Per Hour)				
For All Hired Workers <sup>4/</sup> <sup>5/</sup>	7.64	8.27	8.04	9.16	9.06	9.16	8.88	9.05	9.41	9.22
Type of Worker:										
Field and Livestock Combined	7.28	7.88	7.70	8.66	8.55	8.49	8.26	8.47	8.55	8.58
Field	7.32	7.79	7.56	8.76	8.48	8.40	8.17	8.42	8.39	8.46
Livestock	7.24	7.98	8.12	8.59	8.62	8.75	8.57	8.64	8.83	8.95

<sup>1/</sup>Appalachian II includes Kentucky, Tennessee and West Virginia. <sup>2/</sup>Excludes Alaska. <sup>3/</sup>Insufficient data for this category. <sup>4/</sup>Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates. <sup>5/</sup>Excludes Agricultural Service Workers.

## HIRED WORKERS: ANNUAL AVERAGE WAGE RATES

### SELECTED STATES AND U.S., 2002 - 2003 <sup>1/</sup> <sup>2/</sup>

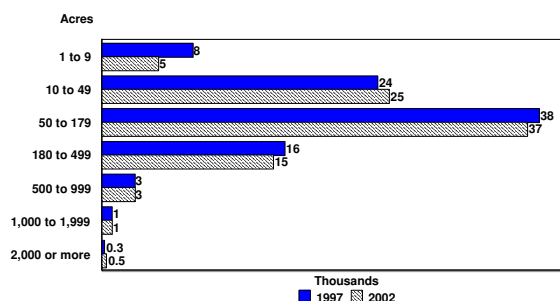
STATE	ALL HIRED		FIELD		FIELD & LIVESTOCK	
	2002	2003	2002	2003	2002	2003
Dollars Per Hour						
Illinois	9.67	9.88	8.63	9.04	8.94	9.27
Indiana	9.19	9.73	8.92	8.95	8.76	9.00
<b>Kentucky</b>	<b>7.50</b>	<b>8.03</b>	<b>6.76</b>	<b>7.37</b>	<b>7.10</b>	<b>7.67</b>
Missouri	8.68	9.11	8.35	8.67	8.33	8.70
Ohio	8.70	9.14	7.68	8.58	8.23	8.66
Tennessee	7.60	8.01	7.34	7.63	7.32	7.63
Virginia	8.58	8.98	7.71	8.42	7.98	8.33
West Virginia	7.45	7.77	6.78	7.99	7.17	7.41
UNITED STATES <sup>3/</sup>	8.81	9.08	8.12	8.31	8.18	8.42

<sup>1/</sup>Excludes Agricultural Service Workers. <sup>2/</sup>Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States and the U.S. is based on data collected for January, April, July and October. <sup>3/</sup>Excludes Alaska.

# KENTUCKY CENSUS OF AGRICULTURE HIGHLIGHTS, 1974 - 2002

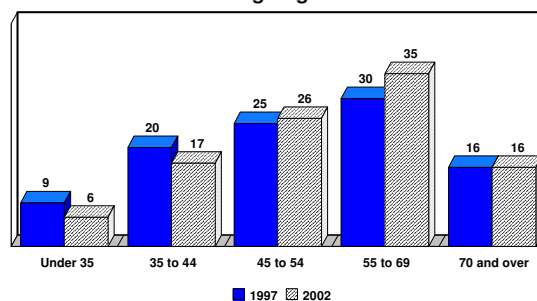
All farms	2002	1997	Not adjusted for coverage					
			1997	1992	1987	1982	1978	1974
Farms ..... number	86,541	91,198	82,273	90,281	92,453	101,642	102,263	102,053
Land in farms ..... acres	13,843,706	13,940,180	13,334,234	13,665,798	14,012,700	14,179,284	14,606,168	14,431,713
Average size of farm ..... acres	160	153	162	151	152	140	143	141
Estimated market value of land and buildings <u>1/</u> :								
Average per farm ..... dollars	294,056	222,914	230,274	163,660	135,696	144,427	124,233	60,344
Average per acre ..... dollars	1,824	1,470	1,450	1,077	896	1,049	861	427
Estimated market value of all machinery and equipment <u>1/</u> ..... \$1,000	3,495,669	2,972,739	2,741,593	2,244,930	2,091,558	2,233,182	1,889,439	1,102,882
Average per farm ..... dollars	41,458	32,604	33,327	24,918	22,670	22,001	18,516	12,156
Farms by size:								
1 to 9 acres .....	5,342	8,261	7,114	10,402	10,648	13,248	11,576	9,360
10 to 49 acres .....	24,758	24,285	20,754	21,911	20,707	23,654	21,652	20,945
50 to 179 acres .....	36,628	37,646	33,992	36,515	38,261	41,739	44,837	48,047
180 to 499 acres .....	14,950	16,110	15,522	16,586	17,920	18,352	19,660	19,624
500 to 999 acres .....	3,175	3,374	3,399	3,468	3,618	3,527	3,564	3,171
1,000 to 1,999 acres .....	1,214	1,131	1,104	1,066	1,052	904	799	747
2,000 acres or more .....	474	391	388	333	247	218	175	159
Total cropland ..... farms	80,927	85,247	77,784	86,345	88,664	98,331	99,347	99,168
..... acres	8,412,354	8,887,861	8,549,027	8,880,989	8,900,086	8,960,250	9,297,858	8,803,159
Harvested cropland ..... farms	65,815	74,360	68,953	79,590	83,097	93,082	94,497	92,468
..... acres	4,978,994	4,853,500	4,678,622	4,417,651	4,250,284	4,835,631	4,511,837	3,700,920
Irrigated land ..... farms	3,606	4,233	4,104	2,120	3,733	2,815	2,137	1,910
..... acres	36,751	60,027	58,490	27,647	37,693	22,707	13,770	10,920
Market value of agricultural products sold <u>2/</u> ..... \$1,000	3,080,080	3,158,783	3,064,460	2,663,702	2,075,571	2,376,882	1,812,531	1,251,853
Average per farm ..... dollars	35,591	34,637	37,247	29,505	22,450	23,385	17,724	12,267
Crops, including nursery and greenhouse crops ..... \$1,000	1,110,209	1,610,935	1,578,861	1,449,823	889,882	1,358,309	948,464	729,747
Livestock, poultry, and their products ..... \$1,000	1,969,871	1,547,847	1,485,599	1,213,879	1,185,689	1,018,573	864,066	517,076
Farms by value of sales <u>3/</u> :								
Less than \$2,500 .....	32,918	24,238	19,143	17,881	24,380	21,706	23,382	34,896
\$2,500 to \$4,999 .....	11,778	13,756	12,566	14,745	16,421	17,829	19,406	19,060
\$5,000 to \$9,999 .....	13,561	15,725	14,393	17,129	17,620	20,020	21,087	19,233
\$10,000 to \$24,999 .....	13,154	17,967	17,388	20,354	18,078	21,479	21,283	(NA)
\$25,000 to \$49,999 .....	6,525	8,993	8,339	9,623	7,880	10,421	9,681	(NA)
\$50,000 to \$99,999 .....	3,486	4,788	4,843	5,519	4,527	6,028	4,760	(NA)
\$100,000 to \$499,999 .....	4,165	4,894	4,773	4,568	3,298	3,904	2,527	1,394
\$500,000 or more .....	954	837	828	462	249	236	103	53
Farms by type of organization:								
Family or individual .....	79,297	79,441	71,307	76,712	78,463	85,808	87,330	(NA)
Partnership .....	5,764	10,004	9,353	12,135	12,717	14,660	13,939	(NA)
Corporation .....	1,119	1,367	1,266	1,064	817	761	725	(NA)
Other-cooperative, estate or trust, institutional, etc. ...	361	386	347	370	456	413	269	(NA)
Principal operator by days of work off farm <u>4/</u> <u>5/</u> :								
None .....	37,365	31,250	28,911	32,526	32,743	33,928	37,008	32,940
Any .....	49,176	54,653	48,491	51,075	54,464	58,214	59,361	48,105
200 days or more .....	36,532	39,937	35,100	36,497	37,893	38,660	39,568	31,691
Principal operator by primary occupation <u>5/</u> :								
Farming .....	46,939	36,050	33,841	40,175	41,451	49,062	49,881	58,055
Other .....	39,602	55,148	48,432	50,106	51,002	52,580	52,382	43,510
Average age of principal operator <u>5/</u> ..... years	55.2	53.7	54.0	53.2	52.2	50.5	50.5	52.2

### Farms by Size: 1997 and 2002



### Percent of Farm Operations By Age Group: 1997 and 2002

2002 Average Age: 55 Years



# KENTUCKY CENSUS OF AGRICULTURE, 1997 & 2002

County	Number of Farms		Average Size of Farm		Average Value of Land and Building per Acre		2002 Operators		
							Principal Occupation		Working 200 or more days off farm
	1997	2002	1997	2002	1997	2002	Farming	Other	
	(Number)		(Acres)		(Dollars)		(Number)		
Adair	1,486	1,395	112	122	1,030	1,784	814	581	576
Allen	1,212	1,191	135	141	1,209	1,789	647	544	517
Anderson	776	748	116	112	2,159	2,407	342	406	400
Ballard	541	486	232	233	1,362	1,695	232	254	229
Barren	2,184	2,021	116	119	1,500	1,609	1,206	815	868
Bath	848	692	151	155	1,051	1,373	401	291	260
Bell	67	63	73	110	1,793	1,326	23	40	34
Boone	783	743	106	101	3,206	3,633	363	380	337
Bourbon	967	913	201	202	2,468	2,664	559	354	331
Boyd	251	274	117	122	1,542	1,446	111	163	144
Boyle	750	715	132	138	1,628	2,136	370	345	328
Bracken	701	639	135	148	1,122	1,534	356	283	290
Breathitt	211	209	229	245	831	923	93	116	72
Breckinridge	1,501	1,443	187	192	1,052	1,507	783	660	593
Bullitt	654	616	94	100	2,919	2,742	322	294	251
Butler	812	729	204	222	958	1,537	345	384	335
Caldwell	700	673	226	219	837	1,156	334	339	272
Calloway	864	819	182	207	1,578	1,862	431	388	354
Campbell	584	581	86	87	2,901	3,836	285	296	277
Carlisle	374	380	262	283	1,041	1,410	206	174	132
Carroll	348	339	176	180	1,282	2,071	166	173	163
Carter	976	925	119	130	819	1,496	456	469	402
Casey	1,444	1,353	136	141	898	1,168	784	569	477
Christian	1,291	1,267	249	270	1,399	1,696	773	494	437
Clark	938	861	160	166	1,991	2,182	492	369	305
Clay	431	386	137	143	966	959	208	178	123
Clinton	699	629	114	114	1,443	1,529	338	291	258
Crittenden	698	698	222	224	781	1,043	357	341	305
Cumberland	563	473	197	189	670	1,038	274	199	167
Daviess	1,161	1,062	225	239	1,664	2,041	603	459	489
Edmonson	792	670	121	140	1,270	1,176	392	278	274
Elliott	480	427	127	131	831	906	201	226	185
Estill	478	457	138	140	1,092	1,112	244	213	197
Fayette	826	738	168	161	4,261	4,589	447	291	246
Fleming	1,202	1,071	159	171	1,055	1,273	661	410	421
Floyd	74	68	121	99	1,099	1,536	26	42	28
Franklin	736	689	116	119	2,311	2,350	320	369	304
Fulton	193	193	526	581	1,276	1,450	123	70	63
Gallatin	274	247	135	152	1,352	2,155	127	120	98
Garrard	952	873	133	137	1,376	1,852	520	353	342
Grant	1,048	1,020	117	114	1,783	2,545	522	498	460
Graves	1,602	1,712	160	175	1,457	1,659	907	805	719
Grayson	1,568	1,650	141	141	1,059	1,378	891	759	725
Green	1,131	1,134	117	119	1,105	1,522	698	436	463
Greenup	817	728	128	142	1,271	1,204	384	344	318
Hancock	494	418	138	165	1,268	1,333	222	196	187
Hardin	1,854	1,732	127	138	1,717	1,895	925	807	766
Harlan	33	23	79	81	1,777	2,249	3	20	20
Harrison	1,168	1,085	149	147	1,444	1,867	623	462	443
Hart	1,450	1,392	130	140	1,105	1,387	793	599	554
Henderson	600	525	346	366	1,605	1,933	272	253	215
Henry	1,022	883	147	160	1,764	2,398	523	360	360
Hickman	350	347	359	361	1,378	1,498	204	143	120
Hopkins	630	678	242	242	1,052	1,301	323	355	294
Jackson	756	727	102	113	982	1,194	357	370	322
Jefferson	565	526	69	78	4,431	4,917	263	263	197
Jessamine	829	770	110	107	2,711	3,699	431	339	333
Johnson	207	195	111	122	1,203	1,522	102	93	82
Kenton	504	495	82	94	2,420	3,775	235	260	229
Knott	27	22	170	204	946	1,599	8	14	7

# KENTUCKY POPULATION BY COUNTY, 1990 & 2000

County	Census Population		Change, 1990 to 2000		County	Census Population		Change, 1990 to 2000	
	Apr 1990	Apr 2000	Number	%		Apr 1990	Apr 2000	Number	%
Adair	15,360	17,244	1,884	12.3	Larue	11,679	13,373	1,694	14.5
Allen	14,628	17,800	3,172	21.7	Laurel	43,438	52,715	9,277	21.4
Anderson	14,571	19,111	4,540	31.2	Lawrence	13,998	15,569	1,571	11.2
Ballard	7,902	8,286	384	4.9	Lee	7,422	7,916	494	6.7
Barren	34,001	38,033	4,032	11.9	Leslie	13,642	12,401	-1,241	-9.1
Bath	9,692	11,085	1,393	14.4	Letcher	27,000	25,277	-1,723	-6.4
Bell	31,506	30,060	-1,446	-4.6	Lewis	13,029	14,092	1,063	8.2
Boone	57,589	85,991	28,402	49.3	Lincoln	20,045	23,361	3,316	16.5
Bourbon	19,236	19,360	124	0.6	Livingston	9,062	9,804	742	8.2
Boyd	51,150	49,752	-1,398	-2.7	Logan	24,416	26,573	2,157	8.8
Boyle	25,641	27,697	2,056	8.0	Lyon	6,624	8,080	1,456	22.0
Bracken	7,766	8,279	513	6.6	McCracken	62,879	65,514	2,635	4.2
Breathitt	15,703	16,100	397	2.5	McCreary	15,603	17,080	1,477	9.5
Breckinridge	16,312	18,648	2,336	14.3	McLean	9,628	9,938	310	3.2
Bullitt	47,567	61,236	13,669	28.7	Madison	57,508	70,872	13,364	23.2
Butler	11,245	13,010	1,765	15.7	Magoffin	13,077	13,332	255	1.9
Caldwell	13,232	13,060	-172	-1.3	Marion	16,499	18,212	1,713	10.4
Calloway	30,735	34,177	3,442	11.2	Marshall	27,205	30,125	2,920	10.7
Campbell	83,866	88,616	4,750	5.7	Martin	12,526	12,578	52	0.4
Carlisle	5,238	5,351	113	2.2	Mason	16,666	16,800	134	0.8
Carroll	9,292	10,155	863	9.3	Meade	24,170	26,349	2,179	9.0
Carter	24,340	26,889	2,549	10.5	Menifee	5,092	6,556	1,464	28.8
Casey	14,211	15,447	1,236	8.7	Mercer	19,148	20,817	1,669	8.7
Christian	68,941	72,265	3,324	4.8	Metcalfe	8,963	10,037	1,074	12.0
Clark	29,496	33,144	3,648	12.4	Monroe	11,401	11,756	355	3.1
Clay	21,746	24,556	2,810	12.9	Montgomery	19,561	22,554	2,993	15.3
Clinton	9,135	9,634	499	5.5	Morgan	11,648	13,948	2,300	19.7
Crittenden	9,196	9,384	188	2.0	Muhlenberg	31,318	31,839	521	1.7
Cumberland	6,784	7,147	363	5.4	Nelson	29,710	37,477	7,767	26.1
Daviess	87,189	91,545	4,356	5.0	Nicholas	6,725	6,813	88	1.3
Edmonson	10,357	11,644	1,287	12.4	Ohio	21,105	22,916	1,811	8.6
Elliott	6,455	6,748	293	4.5	Oldham	33,263	46,178	12,915	38.8
Estill	14,614	15,307	693	4.7	Owen	9,035	10,547	1,512	16.7
Fayette	225,366	260,512	35,146	15.6	Owsley	5,036	4,858	-178	-3.5
Fleming	12,292	13,792	1,500	12.2	Pendleton	12,036	14,390	2,354	19.6
Floyd	43,586	42,441	-1,145	-2.6	Perry	30,283	29,390	-893	-2.9
Franklin	43,781	47,687	3,906	8.9	Pike	72,583	68,736	-3,847	-5.3
Fulton	8,271	7,752	-519	-6.3	Powell	11,686	13,237	1,551	13.3
Gallatin	5,393	7,870	2,477	45.9	Pulaski	49,489	56,217	6,728	13.6
Garrard	11,579	14,792	3,213	27.7	Robertson	2,124	2,266	142	6.7
Grant	15,737	22,384	6,647	42.2	Rockcastle	14,803	16,582	1,779	12.0
Graves	33,550	37,028	3,478	10.4	Rowan	20,353	22,094	1,741	8.6
Grayson	21,050	24,053	3,003	14.3	Russell	14,716	16,315	1,599	10.9
Green	10,371	11,518	1,147	11.1	Scott	23,867	33,061	9,194	38.5
Greenup	36,742	36,891	149	0.4	Shelby	24,824	33,337	8,513	34.3
Hancock	7,864	8,392	528	6.7	Simpson	15,145	16,405	1,260	8.3
Hardin	89,240	94,174	4,934	5.5	Spencer	6,801	11,766	4,965	73.0
Harlan	36,574	33,202	-3,372	-9.2	Taylor	21,146	22,927	1,781	8.4
Harrison	16,248	17,983	1,735	10.7	Todd	10,940	11,971	1,031	9.4
Hart	14,890	17,445	2,555	17.2	Trigg	10,361	12,597	2,236	21.6
Henderson	43,044	44,829	1,785	4.1	Trimble	6,090	8,125	2,035	33.4
Henry	12,823	15,060	2,237	17.4	Union	16,557	15,637	-920	-5.6
Hickman	5,566	5,262	-304	-5.5	Warren	76,673	92,522	15,849	20.7
Hopkins	46,126	46,519	393	0.9	Washington	10,441	10,916	475	4.5
Jackson	11,955	13,495	1,540	12.9	Wayne	17,468	19,923	2,455	14.1
Jefferson	664,937	693,604	28,667	4.3	Webster	13,955	14,120	165	1.2
Jessamine	30,508	39,041	8,533	28.0	Whitley	33,326	35,865	2,539	7.6
Johnson	23,248	23,445	197	0.8	Wolfe	6,503	7,065	562	8.6
Kenton	142,031	151,464	9,433	6.6	Woodford	19,955	23,208	3,253	16.3
Knott	17,906	17,649	-257	-1.4	<b>KENTUCKY</b>	<b>3,685,296</b>	<b>4,041,769</b>	<b>356,473</b>	<b>9.7</b>
Knox	29,676	31,795	2,119	7.1					

Source: U.S. Census Bureau, Census 2000. Note: 1990 Populations shown in this table were originally published in 1990 Census reports and do not include subsequent revisions due to boundary or other changes.

## 2003 STATE RANKINGS FOR CROP PRODUCTION

Rank	CORN FOR GRAIN		CORN FOR SILAGE		WINTER WHEAT	
	State	Production	State	Production	State	Production
		(1,000 Bushels)		(1,000 Tons)		(1,000 Bushels)
1.	Iowa	1,884,000	Wisconsin	14,080	Kansas	480,000
2.	Illinois	1,812,200	New York	9,625	Oklahoma	179,400
3.	Nebraska	1,124,200	California	9,230	Washington	117,000
4.	Minnesota	970,900	Pennsylvania	7,975	Texas	96,600
5.	Indiana	786,940	Minnesota	6,650	Nebraska	83,720
6.	Ohio	478,920	Iowa	6,600	Colorado	77,000
7.	South Dakota	427,350	South Dakota	3,995	Ohio	68,000
8.	Wisconsin	367,650	Nebraska	3,600	Montana	63,640
9.	Missouri	302,400	Idaho	3,510	South Dakota	59,340
10.	Kansas	300,000	Ohio	3,230	Idaho	57,600
11.	Michigan	263,340	Michigan	3,200	Missouri	53,070
12.	Texas	194,700	Kansas	3,080	Illinois	52,650
13.	<b>KENTUCKY</b>	<b>147,960</b>	Indiana	2,850	Oregon	47,940
14.	North Dakota	131,040	Virginia	2,363	Michigan	44,880
15.	Colorado	120,150	Texas	2,160	Indiana	29,670
16.	Pennsylvania	102,350	Colorado	1,890	Arkansas	28,500
17.	Tennessee	82,530	New Mexico	1,840	California	22,570
18.	North Carolina	72,080	Illinois	1,650	<b>KENTUCKY</b>	<b>20,460</b>
19.	Mississippi	71,550	Vermont	1,628	North Carolina	14,760
20.	Louisiana	67,000	Washington	1,500	Tennessee	13,500
21.	New York	53,240	North Dakota	1,496	Wisconsin	12,075
22.	Maryland	50,430	<b>KENTUCKY</b>	<b>1,440</b>	Georgia	10,580
23.	Arkansas	49,000	Montana	1,128	Virginia	7,360
24.	Virginia	37,950	Maryland	1,040	South Carolina	7,215
25.	Georgia	36,765	North Carolina	880	Pennsylvania	7,095
26.	California	27,200	Utah	861	New York	6,360
27.	Oklahoma	23,750	Tennessee	850	Mississippi	6,125
28.	Alabama	23,180	Missouri	840	North Dakota	5,880
29.	South Carolina	22,575	Georgia	765	Louisiana	5,740
30.	Delaware	19,926	Wyoming	748	Maryland	5,365
31.	Washington	13,650	Arizona	672	Utah	5,125
32.	New Mexico	8,640	Florida	532	New Mexico	4,200
33.	Idaho	7,000	Connecticut	490	Wyoming	3,915
34.	New Jersey	6,893	Maine	450	Alabama	3,150
35.	Wyoming	6,450	Oregon	440	Delaware	1,927
36.	Oregon	5,100	Oklahoma	432	Iowa	1,159
37.	Arizona	4,180	Massachusetts	323	New Jersey	1,092
38.	Florida	3,198	West Virginia	295	Minnesota	966
39.	West Virginia	3,105	New Hampshire	273	Florida	492
40.	Montana	2,380	New Jersey	270	Arizona	412
41.	Utah	2,015	Alabama	240	West Virginia	287
42.			Louisiana	160	Nevada	249
43.			Mississippi	150		
44.			Arkansas	120		
45.			South Carolina	105		
46.			Nevada	92		
47.			Delaware	80		
48.			Rhode Island	36		
<b>UNITED STATES <sup>1/</sup></b>		<b>10,113,887</b>		<b>105,864</b>		<b>1,707,069</b>

<sup>1/</sup>Totals may not add due to rounding.

## RECORD HIGHS AND LOWS TO PRESENT FOR KENTUCKY CROPS

CROP	UNIT	YEAR	ACRES HARVESTED	YEAR	YIELD PER ACRE	YEAR	PRODUCTION
			(1,000)				(1,000)
<b>CORN</b>							
For Grain	Bu.						
High		1919	3,247	2001	142	1992	171,600
Low		1970	939	1930	10	1930	26,730
For Silage	Ton						
High		1983	234	2001	19	1982	2,772
Low		1943	15	1930	3.5	1921	103
<b>TOBACCO</b>							
Burley	Lbs.						
High		1931	365	1970	2,710	1982	551,250
Low		<b>2003</b>	<b>103</b>	1936	690	1927	130,425
Type 22, Fire	Lbs.						
High		1919	96	2001	3,400	1919	72,638
Low		2002	2.45	1938	630	1987	5,589
Type 23, Fire	Lbs.						
High		1919	109	2002	3,650	1919	82,840
Low		2002	2.40	1933	630	1973	3,925
One Sucker	Lbs.						
High		1919	54	2002	3,000	1919	42,930
Low		1988	1.85	1927	705	1989	3,608
Green River	Lbs.						
High		1919	77	2000	2,900	1919	60,060
Low		1990	.90	1927	649	1989	1,950
<b>SMALL GRAINS</b>							
Wheat	Bu.						
High		1899	1,431	2001	66	1981	28,560
Low		1962	131	1885	4	1928	1,273
Barley	Bu.						
High		1942	141	2001	85	1954	3,328
Low		1906	1	1875	17.5	1899	19
<b>SOYBEANS</b>							
For Beans	Bu.						
High		1979	1,660	<b>2003</b>	<b>43</b>	1979	53,950
Low		1928	5	1930	7.5	1928	50
<b>SORGHUM</b>							
For Grain	Bu.						
High		1985	143	<b>2003</b>	<b>95</b>	1985	11,440
Low		1955	5	1956	25	1955	150
<b>HAY</b>							
Alfalfa	Ton						
High		1965	430	2000	3.90	1989	1,406
Low		1925	61	1936	.95	1930	78
All Other	Ton						
High		<b>2003</b>	<b>2,200</b>	<b>2003</b>	<b>2.50</b>	<b>2003</b>	<b>5,500</b>
Low		1936	855	1930	.58	1936	549
<b>FRUIT</b>							
Apples Com'l	Lbs.						
High		-	-	-	-	1949	23,800
Low		-	-	-	-	1955	2,760
Peaches	Lbs.						
High		-	-	-	-	1949	20,200
Low		-	-	-	-	1994	<u>1</u>

1/No significant commercial production due to freeze. NOTE: In some cases the acreage or yield or production is identical for more than one year. In such cases, the year is the latest year of occurrence.

## 2003 CROP HIGHLIGHTS

Kentucky farmers had banner crop growing conditions in 2003. Production of soybeans and corn was very good. Tobacco production was fair to good. The 2003 crop year could be

characterized as a wet one with delayed crop planting and tobacco setting that ended in good to excellent corn and soybean yields.

### BURLEY TOBACCO

Kentucky farmers produced 198.3 million pounds of **burley** tobacco. This was up less than 1 percent from the 2002 crop. Harvested acreage was estimated at 103,000 acres, unchanged from 2002 and a record low. Yield per acre was estimated at 1,925 pounds, up 10 pounds from the 2002 crop. Bourbon County was the leading production county with 6.41 million pounds. For 2003, 16 counties had production of 3.50 million pounds and more.

Farmers actively sowed their plant beds and greenhouses in late March and early April and were virtually complete by late April. For 2003, farmers produced 88 percent of their home-grown transplants in greenhouses and float beds with only 12 percent in traditional beds. Burley and dark tobacco setting started in early May. Setting was slowed by frequent rain and by mid-May farmers had started mowing tobacco plants due to excessive height and the inability to set plants. Planting continued in June at a pace slowed by frequent rain and wet soil conditions. Some plants were drowned and washed out and had to be replanted. Some disease and insect problems appeared due to the continued wet weather. Tobacco setting was finally complete by month's end. Even with the late setting, the State's tobacco crop was in good condition going into July.

In early July there was concern due to black shank and a few reports of blue mold. In mid-July a major concern was late set plants blooming before putting on much height. As of July 20th, 21 percent of the burley crop was blooming with 6 percent topped, both behind the 2002 crop and the

5-year average. Dark tobacco acreage was 36 percent blooming. In late July some tobacco was blown down by high winds and heavy rains. Continued wet weather in early August caused some blue mold problems in eastern Kentucky fields and some localized black shank problems were reported. Blue mold damage was highly variable, from light to heavy. Less rain and higher temperatures were needed to slow the progress of the disease. By August 17th, 9 percent of the burley crop had been cut along with 8 percent of the dark tobacco. With the start of September, 35 percent of the burley and 29 percent of the dark tobacco had been cut and housed. Housed tobacco was curing well. As early tobacco was being cut, later set tobacco was being topped and sprayed for suckers and insects. During mid-September housed tobacco was in fair to good condition with some houseburn noted. Rain during late September hampered cutting and delayed housing of some cut tobacco in the field, but was beneficial to curing.

Harvesting of burley was virtually complete the first week of October. Tobacco stripping started in early October with housed tobacco in mostly good to fair condition. Farmers reported good to excellent quality and weight. Even with blue mold and black shank experienced during the season, damage to the crop varied on a field to field and farm to farm basis. Burley tobacco was sold by two methods, auction market and direct contract. Average price received for burley was 198.2 cents per pound, up .2 cents from the 2002 crop. This was a record high price.

## DARK TOBACCOS

Production of all four types of dark tobacco was up from the 2002 crop. The increase in production was brought about by larger harvested acreage. Price for all four types was up from the 2002 crop. Producers sold the majority of their crops at the farm without taking it to the auction market.

**Type 22, Eastern Dark Fire-cured** production at 8.01 million pounds was up 3 percent from 2002.

**Type 23, Western Dark Fire-cured** production at 8.83 million pounds was up less than 1 percent from 2002.

**Type 35, One Sucker Dark Air-cured** production totaled 6.51 million pounds, an increase of 3 percent from the 2002 crop.

**Type 36, Green River Dark Air-cured** production at 3.43 million pounds was up 16 percent from 2002.

## CORN

**Corn for grain** production was estimated at 148.0 million bushels, up 39 percent from the 2002 drought reduced crops. Yield was estimated at 137 bushels per acre, up 35 bushels from 2002 and the second highest yield on record. Acreage harvested for grain averaged 1.08 million acres, up 40,000 acres from the 2002 crop. Christian County was the leading corn production county with 10.6 million bushels.

Favorable soil temperatures and moisture got corn planting off to a good start in early April with 22 percent planted by April 13. By May 4, 70 percent of the intended corn acreage had been planted even with frequent rain and cool soil temperatures. This was ahead of 46 percent for the 2002 crop and 61 percent for the 5-year average.

Rain during May slowed corn planting. By June 1, 86 percent of the corn had been planted, ahead of the 2002 crop while behind the 5-year average. Planting was completed by mid-June. Some flooded corn fields were replanted numerous times and in some cases' farmers never got their corn planted. Frequent rain made weed control difficult. By early July farmers had mixed opinions regarding corn condition. Some farmers had a very good crop while for others their corn

had been hurt by excessive moisture. Most farmers were optimistic about potential yields if rainfall remained adequate.

By August 3, corn was 88 percent in the silked stage, 64 percent milk stage and 42 percent dough stage. All development stages were behind the 2002 crop and 5-year average. Most farmers were optimistic about the crop. During August the crop continued to develop well in spite of being behind last year and the 5-year average.

By late August farmers had started to harvest their early corn but harvest was slowed by rain as farmers waited for the corn to dry down naturally prior to harvesting. On August 31, 5 percent of the corn acreage had been harvested compared to 18 percent for the 2002 crop and 12 percent for average. Harvesting in October accelerated as dry, warm weather reduced the moisture content of the mature corn. Early reports continued to indicate an overall above average crop with some farmers predicting record yields. Harvesting of the crop continued through October and was finally complete in early November. Farmers had harvested a good quality crop with good to excellent yields. Many producers reported excellent yields ranging from 130 to 150 bushels per acre.



## SOYBEANS

**Soybean** production was estimated at 53.3 million bushels, an increase of 28 percent from 2002's small crop and the second largest crop on record. The largest crop, 54.0 million bushels occurred in 1979. Yield per acre was estimated at 43 bushels per acre, a record high. Harvested acreage was estimated at 1.24 million acres, down 20,000 acres from 2002. Daviess County was the leading production county with 3.62 million bushels.

Planting of soybeans started in late April and was slowed by rain during May. On June 1 only 23 percent had been planted, the same as in 2002 while down from the 5-year average of 52 percent. The soybean crop was one to two weeks behind normal. Planting continued during June and by late month farmers were planting their remaining single crop soybeans as they were starting to plant their double crop soybeans following the wheat harvest. Planting of second crop soybeans finished the second week of July. Growing conditions were

good during July with adequate soil moisture and favorable temperatures.

As of August 3, 57 percent of the soybeans were blooming and 19 percent were setting pods, behind 2002 and the 5-year average. During August soil moisture dried at times but timely rains improved growing conditions. As of September 7, 93 percent of the soybeans were setting pods, 12 percent had leaves turning yellow and 3 percent were shedding leaves. Rain received during mid-September aided double crop beans in filling seed pods. Disease was present in some fields but overall was not a problem. When harvest of full season soybeans started in late September there was some concern about double crop soybeans maturing before frost. Farmers reported good to excellent yields in the 30 to 60 bushel range with little frost damage to late maturing beans. Good late summer soil moisture helped fill second crop bean pods.

## OTHER CROPS

Kentucky farmers produced 20.5 million bushels of **winter wheat**, up 2.44 million bushels from the 2002 crop. Yield per acre at 62 bushels was up nine bushels from 2002. Reports of winter damage were minimal even with a colder than normal winter. On May 4, 50 percent of the crop was headed. As wet weather continued in May farmers continued to report grain lodging and disease problems. Wheat harvest began the first week of June. During the harvest season yields and test weights declined due to the delayed harvest and wet conditions. Yields were better than previously expected though there was some docking by buyers due to the presence of head scab. Harvesting was complete by mid-July.

**Alfalfa hay** production totaled 875,000 tons, down 25,000 tons from 2002. Yield per acre was

estimated at 3.5 tons per acre, with harvested acreage of 250,000 acres. **Other hay** production was estimated at 5.50 million acres, up 19 percent from 2002 and a record high production. The record crop resulted from a record high yield (2.5 tons per acre) and record tying high harvested acreage (2.20 million acres).

Many farmers were unable to harvest their hay during the spring due to excess moisture. Quality suffered due to delayed harvesting and cut hay being rained on. During drier periods of the summer farmers made hay whenever the weather permitted. Farmers continued to harvest hay through mid-September. Production was good but quality was hurt due to frequent to steady rains that prevented timely harvesting.

# KENTUCKY CROP ACRES AND YIELD 2002 <sup>1/</sup>- 2003

CROP	ACRES PLANTED		ACRES HARVESTED		YIELD PER ACRE		UNIT
	2002	2003	2002	2003	2002	2003	
	(1,000 Acres)		(1,000 Acres)		(Units)		
<b>CORN</b>							
All	1,160	1,170	1,155	1,160	-	-	
For Grain	-	-	1,070	1,080	104.0	137.0	Bu.
For Silage	-	-	85	80	16.0	18.0	Ton
<b>TOBACCO</b>							
All	-	-	111.10	111.65	2,007	2,016	Lbs.
Burley	-	-	103.00	103.00	1,915	1,925	Lbs.
Type 22, Fired	-	-	2.45	2.60	3,160	3,080	Lbs.
Type 23, Fired	-	-	2.40	2.50	3,650	3,530	Lbs.
Type 35, One	-	-	2.10	2.30	3,000	2,830	Lbs.
Type 36, Green	-	-	1.15	1.25	2,560	2,740	Lbs.
<b>SMALL GRAINS</b>							
Wheat, Winter	530	480	330 <sup>2/</sup>	330 <sup>2/</sup>	52.0	62.0	Bu.
Barley	9	9	7 <sup>2/</sup>	8 <sup>2/</sup>	65.0	75.0	Bu.
<b>SOYBEANS</b>	1,310	1,250	1,290 <sup>3/</sup>	1,240 <sup>3/</sup>	33.0	43.0	Bu.
<b>SORGHUM</b>	12	33	10 <sup>2/</sup>	32 <sup>2/</sup>	75.0	95.0	Bu.
<b>HAY</b>							
All	-	-	2,420	2,450	2.12	2.60	Ton
Alfalfa	-	-	320	250	2.90	3.50	Ton
All Other	-	-	2,100	2,200	2.00	2.50	Ton

<sup>1/</sup>Revised. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Harvested for Beans.

# KENTUCKY CROP PRODUCTION AND VALUE 2002 <sup>1/</sup> - 2003

CROP	UNIT	PRODUCTION		AVG. VALUE PER UNIT		VALUE OF PRODUCTION	
		2002	2003	2002	2003	2002	2003
		(1,000 Units)		(Dollars)		(1,000 Dollars)	
<b>CORN</b>							
For Grain	Bu.	111,280	147,960	2.58	2.55	287,102	377,298
For Silage	Ton	1,360	1,440	-	-	-	-
<b>TOBACCO</b>							
All	Lbs.	222,991	225,042	2.015	2.027	449,320	456,077
Burley	Lbs.	197,245	198,275	1.980	1.982	390,545	392,981
Type 22, Fired	Lbs.	7,742	8,008	2.398	2.480	18,565	19,860
Type 23, Fired	Lbs.	8,760	8,825	2.362	2.450	20,691	21,621
Type 35, One	Lbs.	6,300	6,509	2.135	2.223	13,451	14,470
Type 36, Green	Lbs.	2,944	3,425	2.061	2.086	6,068	7,145
<b>SMALL GRAINS</b>							
Wheat, Winter	Bu.	17,160	20,460	3.01	3.25	51,652	66,495
Barley	Bu.	455	600	1.51	1.80	687	1,080
<b>SOYBEANS</b>	Bu.	42,570	53,320	5.74	7.60	244,352	405,232
<b>SORGHUM</b>	Bu.	750	3,040	2.62	2.46	1,965	7,478
<b>HAY</b>							
All	Ton	5,128	6,375	68.50	78.50	351,268	500,438
Alfalfa	Ton	928	875	-	-	-	-
All Other	Ton	4,200	5,500	-	-	-	-
<b>FRUIT</b>							
Apples-Com'l <sup>2/</sup>	Lbs.	4,000	7,100	.318	.327	1,272	2,322
Peaches <sup>2/</sup>	Lbs.	1,200	1,800	.545	.557	654	1,003

<sup>1/</sup>Revised. <sup>2/</sup>Utilized production.

## U. S. CROP ACRES AND YIELD 2002 <sup>1/</sup> - 2003

CROP	ACRES PLANTED		ACRES HARVESTED		YIELD PER ACRE		UNIT
	2002	2003	2002	2003	2002	2003	
	(1,000 Acres)		(1,000 Acres)		(Units)		
<b>CORN</b>							
All	78,894	78,736	76,452	77,667	-	-	
For Grain	-	-	69,330	71,139	129.3	142.2	Bu.
For Silage	-	-	7,122	6,528	14.4	16.2	Ton
<b>TOBACCO</b>							
All	-	-	427.31	411.15	2,039	1,952	Lbs.
Burley	-	-	157.70	152.30	1,861	1,850	Lbs.
Type 22, Fired	-	-	7.45	7.80	3,126	3,013	Lbs.
Type 23, Fired	-	-	2.79	2.90	3,636	3,505	Lbs.
Type 35, One	-	-	2.61	2.84	2,922	2,748	Lbs.
Type 36, Green	-	-	1.15	1.25	2,560	2,740	Lbs.
<b>SMALL GRAINS</b>							
Wheat, All	60,318	61,700	45,824 <sup>2/</sup>	52,839 <sup>2/</sup>	35.0	44.2	Bu.
Barley	5,008	5,299	4,123 <sup>2/</sup>	4,688 <sup>2/</sup>	55.0	58.9	Bu.
<b>SOYBEANS</b>	73,963	73,404	72,497 <sup>3/</sup>	72,321 <sup>3/</sup>	38.0	33.4	Bu.
<b>SORGHUM</b>	9,589	9,420	7,125 <sup>2/</sup>	7,798 <sup>2/</sup>	50.6	52.7	Bu.
<b>HAY</b>							
All	-	-	63,942	63,342	2.34	2.48	Ton
Alfalfa	-	-	22,923	23,578	3.19	3.24	Ton
All Other	-	-	41,019	39,764	1.86	2.03	Ton

<sup>1/</sup>Revised. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Harvested for Beans.

## U. S. CROP PRODUCTION AND VALUE 2002 <sup>1/</sup> - 2003

CROP	UNIT	PRODUCTION		AVG. VALUE PER UNIT		VALUE OF PRODUCTION	
		2002	2003	2002	2003	2002	2003
		(1,000 Units)		(Dollars)		(1,000 Dollars)	
<b>CORN</b>							
For Grain	Bu.	8,966,787	10,113,887	2.32	2.45	20,802,946	24,779,023
For Silage	Ton	102,293	105,864	-	-	-	-
<b>TOBACCO</b>							
All	Lbs.	871,122	802,654	1.936	1.961	1,686,809	1,574,232
Burley	Lbs.	293,537	281,698	1.974	1.977	579,490	557,051
Type 22, Fired	Lbs.	23,292	23,504	2.382	2.488	55,481	58,476
Type 23, Fired	Lbs.	10,145	10,165	2.368	2.447	24,026	24,869
Type 35, One	Lbs.	7,626	7,805	2.117	2.189	16,141	17,083
Type 36, Green	Lbs.	2,944	3,425	2.061	2.086	6,068	7,145
<b>SMALL GRAINS</b>							
Wheat, All	Bu.	1,605,878	2,336,526	3.56	3.40	5,716,926	7,944,188
Barley	Bu.	226,906	276,087	2.72	2.83	617,184	781,326
<b>SOYBEANS</b>	Bu.	2,756,147	2,417,565	5.53	7.25	15,241,493	17,527,346
<b>SORGHUM</b>	Bu.	360,713	411,237	2.32	2.46	836,854	1,011,643
<b>HAY</b>							
All	Ton	149,467	157,123	92.40	92.90	13,810,751	14,596,727
Alfalfa	Ton	73,014	76,307	-	-	-	-
All Other	Ton	76,453	80,816	-	-	-	-
<b>FRUIT</b>							
Apples-Com'l <sup>1/2/</sup>	Lbs.	8,374,100	8,523,200	.188	.209	1,572,026	1,784,042
Peaches <sup>2/</sup>	Lbs.	2,435,400	2,410,300	.200	.189	488,011	456,432

<sup>1/</sup>Revised. <sup>2/</sup>Utilized production.

# KENTUCKY FLOWERS & FOLIAGE PLANTS - 2003

The Kentucky 2003 expanded wholesale value of sales of flowers and foliage totaled \$34.5 million, up 7 percent from the revised 2002 value of \$32.3 million. The expanded wholesale value is the value reported by growers with \$100,000 or more in sales of floriculture crops plus calculated wholesale value of sales for growers with sales below \$100,000. Kentucky ranked 31st of the 36 states that conducted a floriculture survey.

Data for Kentucky's potted flowering plants, annual bedding/garden plants (including pots, flats and hanging baskets), herbaceous perennials, foliage plants for indoor and patio use, cut flowers and propagative (unfinished) material was provided by growers with sales of \$100,000 or more. The wholesale value of total bedding/garden plants (\$23.0 million), potted flowering plants (\$4.02 million) and foliage for indoor or

patio use (\$1.57 million) totaled \$28.6 million. The bedding/garden total was made up of two parts, annual bedding/garden plants (17.7 million) and herbaceous perennial plants (\$5.32 million). Due to disclosure restraints, cut flower sales and propagative (unfinished) material were not included in total sales. Total value of production of Kentucky's \$100,000 plus operations was \$28.6 million.

The number of floriculture growers in Kentucky with sales of \$10,000 or more totaled 215, down 10 from the 2002 revised number of growers. Total greenhouse cover for the State was 5.66 million square feet, up 2 percent from 2002. Film plastic (single and multiple layer) represented 79 percent, fiberglass and other rigid plastic make up 11 percent and glass made up 10 percent. Shade and temporary cover made up 125,000 square feet.

## POTTED FLOWERS, BEDDING/GARDEN PLANTS, FOLIAGE PLANTS AND CUT FLOWERS PRODUCED BY KENTUCKY GROWERS WITH SALES OVER \$100,000 - 2003

PRODUCED BY KENTUCKY GROWERS WITH SALES OVER \$100,000 - 2005								
Item	Number of Producers	Units	Total Sales	% of Sales at Wholesale	Wholesale Price			Value of all Sales at Wholesale
					Less than 5 inch	5 inch or more	Comb. Sizes	
			(1,000 Units)		(Dollars)			(1,000 dollars)
<b><u>POTTED FLOWERING PLANTS:</u></b>								
African Violets 2/	-	Pots	-	-	-	-	-	-
Finished Florist Azaleas	9	Pots	11	58		10.02		110
Florist Chrysanthemums 1/	9	Pots	97	90			2.73	264
Easter Lilies	11	Pots	37	97		4.84		179
Poinsettias	27	Pots	676	88	1.99	4.69		3,062
Florist Roses 2/	-	Pots	-	-	-	-		-
Spring Flowering Bulbs 1/	9	Pots	49	87			5.10	250
Other Flowering Plants	6	Pots	33	88	2.46	4.10		130
<b><u>HERBACEOUS PERENNIALS:</u></b>								
Potted Hardy/Garden Chrysanthemums 1/	34	Pots	895	92			1.88	1,681
Potted Hosta 3/	33	Pots	171	84			2.64	451
Other Potted 3/	37	Pots	870	71			3.67	3,192
<b><u>ANNUAL BEDDING/GARDEN PLANTS:</u></b>								
<b><u>POTS</u></b>								
Begonia	27	Pots	115	59	1.14	2.70		162
Geraniums (Cuttings)	44	Pots	512	69	1.55	3.44		1,073
Geraniums (Seed) 1/	17	Pots	270	80			1.00	269
New Guinea Impatiens	44	Pots	230	71	1.65	2.25		411
Impatiens 1/	12	Pots	74	84			0.82	61
Marigold 1/	5	Pots	19	68			0.71	14
Pansy/Viola	8	Pots	201	86	0.53	2.67		147
Petunias	24	Pots	337	47	0.86	1.97		309
Other Flowering and Foliage	30	Pots	1,970	85	1.42	2.55		3,974
Vegetable Type	21	Pots	117	40	0.83	2.27		132
<b><u>FLATS</u></b>					<b><u>Wholesale Price</u></b>			
Begonia	46	Flats	90	69		7.36		662
Geraniums (Cuttings) 2/	-	Flats	-	-		-		-
Geraniums (Seed)	5	Flats	4	76		10.13		41
New Guinea Impatiens	7	Flats	6	50		13.88		83
Impatiens	47	Flats	112	68		7.16		802
Marigold	44	Flats	64	65		7.31		468
Pansy/Viola	49	Flats	173	84		7.94		1,374
Petunias	48	Flats	92	67		8.16		751
Other Flowering and Foliage	41	Flats	531	75		7.29		3,871
Vegetable Type	42	Flats	76	69		8.89		676
<b><u>HANGING PLANTS</u></b>								
Begonia	27	Baskets	27	73		6.45		174
Geraniums (Cuttings)	29	Baskets	26	70		7.68		200
Geraniums (Seed)	5	Baskets	5	87		4.80		24
New Guinea Impatiens	35	Baskets	52	79		6.65		346
Impatiens	32	Baskets	46	80		5.37		247
Marigold 2/	-	Baskets	-	-		-		-
Petunias	33	Baskets	30	61		6.54		196
Other Flowering	28	Baskets	190	73		6.01		1,142
<b><u>FOLIAGE PLANTS FOR INDOOR OR PATIO USE:</u></b>								
Potted Foliage	14	Pots		92				1,240
Foliage, Hanging	24	Baskets	49	72		6.67		327
<b><u>CUT FLOWERS: 4/</u></b>								
<b><u>PROPAGATIVE (UNFINISHED) FLORICULTURE MATERIAL: 5/</u></b>								
<b><u>TOTAL WHOLESALE VALUE: 6/</u></b>								34,514

1/Pot price is a weighted average of all pots reported to avoid disclosure of individual operations. 2/Not published to avoid disclosure of individual operations. 3/Pot price is a weighted average of all pots (less than 1 gallon, 1 to 2 gallon and 2 gallon and larger) reported to avoid disclosure of individual operations. 4/Not published to avoid disclosure of individual operations. Includes Pompon Chrysanthemums, Iris, Lilies, Snapdragons, Tulips and Other Cut Flowers. 5/Propagative material was confidential. 6/Equivalent wholesale value of all sales (operations under \$100,000 in sales estimated).

## 2003 WEATHER SUMMARY

**January** 2003 was the 14th coldest and 18th driest January in the past 108 years. What was expected to be a very mild January for Kentucky and most of the U.S., due to the return of "El Nino" turned out to be exactly the opposite, extremely cold. The first week had the greatest departure from normal, mild temperatures and wet conditions. The remainder of the month experienced extremely cold temperatures and dry conditions with arctic air dominating the Bluegrass temperatures and frequent snowfall events. Temperatures averaged 28.4 degrees across the State which was 3.4 degrees below normal. Precipitation totaled 2.08 inches statewide which was 1.30 inches below normal.

**February** continued the winter-like weather from the previous month. The month was characterized by a very active storm track that brought at least six storm systems of note through or near the region over the course of the month. This active storm pattern can be linked to the jet stream situation that existed, which included a split-jet system that resided over the region, providing dual storm tracks - one to the north, and one to the south of the State. This jet stream setup, with its close proximity to the State, and frequent southerly meandering, also helped to pull well below normal temperatures from the north into the region, resulting in a monthly temperature average that fell below normal. There were also an unusually high frequency of snowfall events mostly providing trace amounts to less than 1 to 3 inches. Flooding and flash flooding occurred in many central, southern and southeastern sections of the State. Temperatures averaged 33.7 degrees across the State which was 3.7 degrees below normal. Precipitation totaled 7.33 inches statewide which was 3.58 inches above normal.

**March** was the 11th driest and 26th warmest March in the past 108 years. Temperatures averaged 48.7 degrees across the State which was 2.2 degrees above normal and 3.2 degrees warmer than March 2002. Precipitation totaled 2.24 inches statewide which was 2.32 inches below normal which was less than half of the normal rainfall for the month. No significant snowfall events occurred during the month.

**April** was the 11th wettest and 27th warmest April in past Century. Temperatures averaged 57.8 degrees across the State which was 2.2 degrees above normal and 10 degrees warmer than the previous month. Rainfall totaled 6.06 inches statewide which was 1.96 inches above normal and considerably wetter than the previous month.

Late Spring field operations and many other outdoor activities were put on hold due to very wet conditions during **May** which was a continuation from April's wet conditions. May will go into the record books as the 8th wettest, 53rd coolest May for the Commonwealth. Thirteen tornadoes hit Kentucky during the month causing fatalities, numerous injuries and considerable property and crop damage. The unusually high frequency of rainfall events provided numerous and extended periods of very high humidity, leaf wetness and disease potential for crops. Temperatures averaged 64.5 degrees across the State which was near normal. Rainfall totaled 7.35 inches statewide which was 2.36 inches above normal.

Cool, wet conditions were the rule for **June** and a continuation of the very wet conditions of April and May. June will go into the record books ranking in the top 10 wettest and coolest June's on record. The first 3 weeks of the month received above normal rainfall across the State which continued the very wet conditions of April and May. Temperatures averaged 69 degrees across the State which was 3.4 degrees below normal and 5 degrees warmer than the previous month. Rainfall totaled 6.40 inches statewide which was 2.14 inches above normal.

**July** had below normal temperatures and above normal rainfall. Temperatures averaged 75.6 degrees across the State which was 0.8 degrees below normal and was nearly 7 degrees warmer than the previous month. Yet, July temperatures for the State ranked as the 37th coolest on record. Rainfall totaled 5.38 inches statewide which was 0.98 inches above normal.

After a very cool summer, **August** temperatures finally reversed the cool pattern with a lengthy period of warmer than normal temperatures. Rainfall, on the other hand, continued the wet weather pattern that started, for the most part, in April. August rainfall ranked as the 11th wettest on record (109 years). Temperatures averaged 76.3 degrees across the State which was 1.3 degree above normal. Rainfall totaled 5.23 inches statewide which was 1.63 inch above normal.

Temperatures for **September** averaged 66.6 degrees across the State which was 1.6 degrees below normal, nearly 10 degrees cooler than the previous month ranking September as the 22nd coolest on record. Rainfall totaled 6.22 inches statewide which was 2.62 inches above normal ranking September as the 4th wettest on record.

**October** began with near record low's, and it ended with near record high's. There were scattered frost events during the first and fourth weeks of the month. In contrast, there were highs in the 80's in the third and last weeks of October. These two extremes caused the average monthly temperature to be near normal. October also marks the first month since March of this year that rainfall has been below normal with most weeks during October receiving below normal rainfall. For the most part, the 2nd half of October provided near perfect harvest conditions. Temperatures averaged 57 degrees across the State which was near normal. Rainfall totaled 2.42 inches statewide which was 0.49 inches below normal.

The near-record warmth and cold periods during **November** caused a "roller coaster" temperature ride during the month. Temperature values varied often as record highs were set at the beginning and near the third week of the month ranking the month as the 8th warmest on record. Temperatures were normal to below normal for several short periods during the month. Several rain

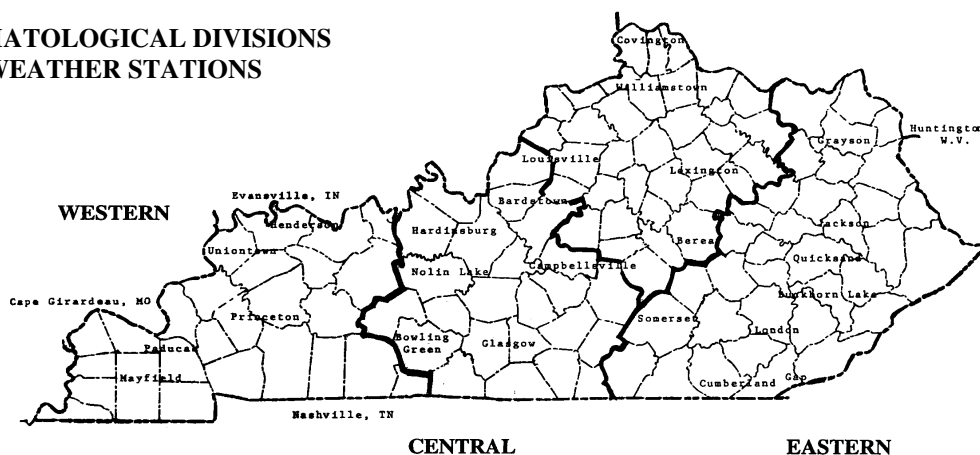
events occurred in Kentucky during the month bringing thunderstorms and occasional flooding, and it ranked as the 11th wettest November on record. Kentucky also got its first taste of mixed snow and sleet during the later parts of the month with mostly light amounts. Temperatures averaged 50.5 degrees across the State which was 3.9 degrees above normal and 6.5 degrees cooler than the previous month. Precipitation totaled 5.88 inches statewide which was 1.84 inches above normal.

**December** was quite a contrast from the very wet and warm November. Temperatures were near average for most of the month as December ranked as the 54th warmest December in the past 109 years. The month was also drier than normal. This December ranked as the 42nd driest December during the same time frame. Only the final week of December had above normal temperatures, and all weeks in December had below normal precipitation. Temperatures averaged 37.2 degrees across the State which was 0.5 degrees above normal and 13.3 degrees cooler than November. Precipitation for the period totaled 3.51 inches statewide which was 0.77 inches below normal.

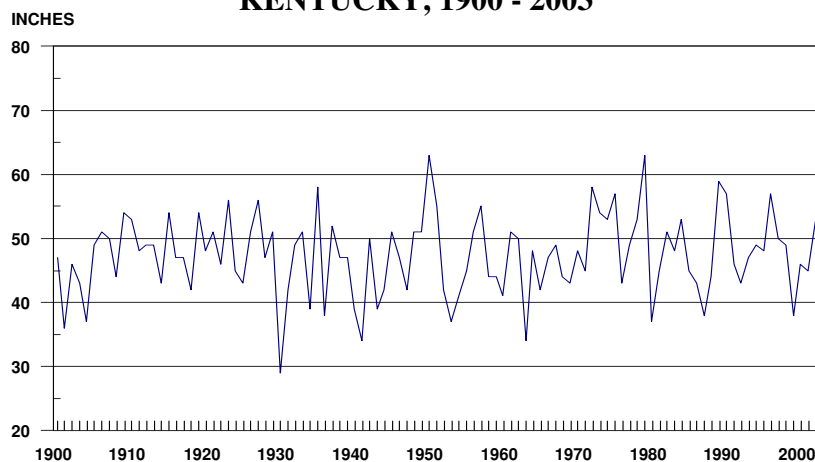
Condensed version of narrative provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agricultural Weather Center. Additional Kentucky weather data are available on the internet at: <http://www.agwx.ca.uky.edu/>

#### BLUEGRASS

#### KENTUCKY CLIMATOLOGICAL DIVISIONS AND SELECTED WEATHER STATIONS



#### AVERAGE ANNUAL PRECIPITATION KENTUCKY, 1900 - 2003



KENTUCKY CLIMATOLOGICAL DATA - 2003 <sup>1/</sup>

Division and Month	TEMPERATURE IN DEGREES <sup>2/</sup>				PRECIPITATION IN INCHES <sup>2/</sup>		
	Average	Departure from Normal	Highest	Lowest	Average	Departure from Normal	Most in 24 Hours
<b>WESTERN</b>							
January	30.10	-3.00	65	- 6	2.12	-1.34	2.10
February	34.40	-3.00	68	- 3	7.12	3.07	2.42
March	49.60	1.60	79	9	2.20	-2.78	1.19
April	59.90	1.80	88	32	6.23	1.44	2.27
May	66.70	0.10	89	34	5.80	0.96	3.03
June	78.30	0.10	96	54	3.74	-0.55	2.20
July	81.30	3.10	100	58	2.35	-1.94	2.34
August	78.40	1.80	100	58	4.36	0.73	3.06
September	68.10	-2.20	94	35	5.25	1.61	4.05
October	59.40	0.60	84	31	3.27	0.20	2.40
November	52.30	4.00	85	18	5.23	0.71	2.00
December	39.50	1.70	67	12	2.72	-1.96	1.15
<b>CENTRAL</b>							
January	29.00	-3.40	76	-10	1.90	-1.60	1.85
February	34.10	-2.40	69	1	6.77	2.81	2.89
March	49.30	2.30	80	14	2.50	-2.36	2.00
April	58.60	2.00	86	28	5.70	1.23	1.79
May	65.20	0.20	88	38	6.10	1.01	2.76
June	69.50	-3.50	94	40	6.26	2.18	3.52
July	75.70	-0.90	96	53	4.86	-0.09	4.20
August	76.50	1.20	97	56	5.26	1.40	3.25
September	66.90	-2.20	93	31	6.95	3.10	4.85
October	57.70	0.20	87	27	2.21	-0.82	1.35
November	51.70	4.30	88	17	5.45	1.18	2.15
December	38.00	0.60	70	9	4.08	-0.59	1.03
<b>BLUEGRASS</b>							
January	27.10	-3.40	64	-11	1.64	-1.30	1.83
February	32.00	-2.20	68	2	5.38	2.21	2.87
March	47.90	3.20	81	12	2.42	-2.05	1.14
April	57.30	2.90	87	26	3.84	-0.24	1.48
May	63.80	0.40	84	38	7.29	2.62	2.51
June	69.00	-2.40	92	43	5.40	1.59	4.15
July	75.10	-0.10	94	55	4.94	0.19	2.50
August	75.70	1.70	96	56	4.89	1.09	2.15
September	66.10	-1.70	88	37	5.22	1.81	2.65
October	56.70	0.50	83	29	2.24	-0.62	1.70
November	50.10	4.10	82	16	5.33	1.73	2.06
December	36.60	0.90	65	12	3.53	-0.28	0.87
<b>EASTERN</b>							
January	28.60	-3.70	68	- 8	1.72	-1.85	0.96
February	34.10	-1.70	73	2	7.31	3.72	3.15
March	48.80	3.10	82	13	1.38	-3.06	1.10
April	56.90	2.20	88	23	5.82	1.81	2.33
May	63.30	0.10	87	39	6.47	1.84	2.58
June	67.70	-3.20	92	38	6.81	2.81	2.54
July	73.80	-0.80	98	53	5.02	0.02	2.27
August	74.80	1.10	94	55	5.18	1.22	3.64
September	65.90	-1.50	92	29	5.35	1.80	3.99
October	55.10	-0.70	85	27	2.27	-0.82	1.40
November	49.50	3.30	86	18	6.24	2.35	2.67
December	35.80	-1.00	66	12	3.68	-0.47	0.85
<b>STATE ANNUAL <sup>3/</sup></b>	55.88	0.13	100	- 11	54.45	5.93	4.85

<sup>1/</sup>Furnished by National Climatic Data Center from Monthly Summarized Station and Divisional Data. <sup>2/</sup>All measurements are plus unless otherwise indicated. <sup>3/</sup>Derived from four Climatological Divisions.

# CROP GROWING SEASON PRECIPITATION - 2003

MONTHLY TOTALS, 2003 AND 30-YEAR AVERAGE, SELECTED WEATHER STATIONS AND AGRICULTURAL STATISTICS DISTRICTS <sup>1/</sup>

STATION	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		SEASON	
	AVG	2003	AVG	2003	AVG	2003	AVG	2003	AVG	2003	AVG	2003	AVG	2003
<b>DISTRICT 1</b>														
Cadiz	4.89	8.33	5.11	6.50	4.34	4.25	4.73	* 3.65	3.31	4.44	3.52	4.86	25.90	32.03
Hopkinsville	4.38	8.58	5.15	6.18	3.76	4.61	4.05	5.04	3.33	5.42	3.47	4.81	24.14	34.64
Mayfield	4.87	5.70	5.42	11.08	4.05	6.93	4.37	2.82	3.27	3.49	3.40	5.43	25.38	35.45
Murray	5.09	5.97	5.39	7.62	4.85	6.97	4.50	* 4.08	3.46	4.44	3.64	* 4.46	26.93	33.54
Paducah	4.95	5.96	4.75	6.04	4.51	5.17	4.45	2.78	2.99	3.61	3.56	5.05	25.21	28.61
<b>AVERAGE</b>	<b>4.84</b>	<b>6.91</b>	<b>5.16</b>	<b>7.48</b>	<b>4.30</b>	<b>5.59</b>	<b>4.42</b>	<b>3.67</b>	<b>3.27</b>	<b>4.28</b>	<b>3.52</b>	<b>4.92</b>	<b>25.51</b>	<b>32.85</b>
<b>DISTRICT 2</b>														
Beaver Dam	4.42	5.81	5.17	5.72	3.72	3.90	4.25	2.50	3.16	8.18	3.69	5.10	24.41	31.21
Franklin	4.14	3.79	5.22	5.40	4.55	6.89	4.42	3.82	2.92	3.65	3.68	6.62	24.93	30.17
Henderson	4.51	4.08	4.90	6.66	4.05	4.16	3.77	3.83	2.95	1.20	3.34	4.48	23.52	24.41
Madisonville	4.85	5.63	4.95	5.17	3.80	4.57	4.21	4.14	3.23	3.16	3.36	5.22	24.40	27.89
Princeton	4.70	6.99	5.01	4.78	4.06	5.32	4.52	4.80	3.56	2.04	3.28	4.19	25.13	28.12
Russellville	3.88	6.63	5.65	4.71	4.75	6.92	3.70	3.90	3.14	4.75	3.80	6.61	24.92	33.52
Sebree	4.32	7.01	4.60	7.00	3.78	5.09	3.91	4.18	2.79	2.22	3.30	8.51	22.70	34.01
<b>AVERAGE</b>	<b>4.40</b>	<b>5.71</b>	<b>5.07</b>	<b>5.63</b>	<b>4.10</b>	<b>5.26</b>	<b>4.11</b>	<b>3.88</b>	<b>3.11</b>	<b>3.60</b>	<b>3.49</b>	<b>5.82</b>	<b>24.29</b>	<b>29.90</b>
<b>DISTRICT 3</b>														
Albany	4.21	6.20	5.27	4.29	4.81	6.32	4.28	5.93	3.87	6.78	3.80	6.48	26.24	36.00
Bardstown	4.42	5.00	5.28	6.96	4.60	7.77	4.81	4.41	3.43	6.50	3.64	5.75	26.18	36.39
Bowling Green	4.19	5.29	5.38	4.66	4.38	7.22	4.37	4.38	3.42	3.34	4.07	9.88	25.81	34.77
Bradfordsville	4.46	5.34	5.36	6.90	4.65	7.33	4.66	9.65	3.79	5.09	3.85	8.19	26.77	42.50
Glendale	4.19	6.31	4.83	8.67	3.99	4.85	4.37	4.78	3.27	7.43	3.98	6.00	24.63	38.04
Greensburg	4.27	5.79	5.68	5.18	4.87	6.79	4.63	4.25	3.96	5.40	4.03	6.72	27.44	34.13
Leitchfield	4.25	6.20	4.91	7.06	4.01	5.10	4.88	3.32	3.56	5.17	3.67	4.55	25.28	31.40
Liberty	4.07	6.32	5.63	6.02	4.70	5.73	4.93	4.05	4.34	3.81	4.23	3.89	27.90	29.82
Louisville	3.91	5.99	4.88	6.42	3.76	3.22	4.30	3.44	3.41	6.72	3.05	6.44	23.31	32.23
Scottsville	4.20	3.94	5.51	5.60	4.70	6.90	4.11	7.75	3.46	4.94	4.07	8.14	26.05	37.27
Shepherdsville	4.09	5.28	4.66	6.17	4.41	3.69	4.06	2.99	3.47	4.37	2.94	7.90	23.63	30.40
Summer Shade	3.82	3.29	4.98	3.88	4.43	10.21	4.34	4.75	3.43	4.27	3.81	6.07	24.81	32.47
<b>AVERAGE</b>	<b>4.17</b>	<b>5.41</b>	<b>5.20</b>	<b>5.98</b>	<b>4.44</b>	<b>6.26</b>	<b>4.48</b>	<b>4.98</b>	<b>3.62</b>	<b>5.32</b>	<b>3.76</b>	<b>6.67</b>	<b>25.67</b>	<b>34.62</b>
<b>DISTRICT 4</b>														
Covington	3.96	5.97	4.59	7.29	4.42	2.75	3.75	5.00	3.79	4.80	2.82	5.07	23.33	30.88
Crestwood	4.01	5.47	5.04	9.15	4.48	4.25	4.74	4.96	4.09	6.90	3.00	7.40	25.36	38.13
Falmouth	3.72	4.80	4.62	6.48	4.36	3.94	4.63	6.71	3.81	6.05	3.10	5.88	24.24	33.86
Warsaw Markland Dam	4.23	2.95	4.72	8.79	4.83	2.73	3.94	6.47	3.80	6.67	3.09	5.47	24.61	33.08
Williamstown	4.23	2.83	4.72	6.16	4.42	3.69	4.02	6.26	3.99	6.89	3.17	7.16	24.55	32.99
<b>AVERAGE</b>	<b>4.03</b>	<b>4.40</b>	<b>4.74</b>	<b>7.57</b>	<b>4.50</b>	<b>3.47</b>	<b>4.22</b>	<b>5.88</b>	<b>3.90</b>	<b>6.26</b>	<b>3.04</b>	<b>6.20</b>	<b>24.42</b>	<b>33.79</b>
<b>DISTRICT 5</b>														
Cynthiana	3.94	4.17	4.59	9.63	4.18	3.80	3.99	3.29	3.40	4.24	2.92	5.87	23.02	31.00
Danville	3.98	4.92	4.94	5.14	4.77	6.52	4.83	4.22	3.40	5.67	3.29	5.17	25.21	31.64
Dix Dam	3.81	3.73	4.68	5.17	4.29	6.56	4.56	3.23	3.85	3.71	3.09	4.35	24.28	26.75
Farmers	3.91	4.06	4.86	7.13	4.55	7.04	5.60	* 3.65	3.78	4.19	3.23	3.98	25.93	30.05
Frankfort	3.23	4.23	4.36	7.91	4.91	5.18	4.92	5.40	3.88	8.28	3.40	9.99	24.70	40.99
Lexington	3.67	4.10	4.78	8.35	4.58	6.41	4.80	5.08	3.77	4.53	3.11	5.07	24.71	33.54
Maysville	3.94	2.90	4.87	9.25	3.98	4.33	4.45	5.81	3.79	4.99	3.16	5.84	24.19	33.12
Springfield	3.88	6.31	5.11	6.41	4.40	8.46	4.28	6.09	3.63	3.34	3.83	9.62	25.13	40.23
Taylorsville	3.95	4.60	4.66	6.30	4.49	7.80	4.53	4.90	3.20	3.80	2.94	9.30	23.77	36.70
<b>AVERAGE</b>	<b>3.81</b>	<b>4.34</b>	<b>4.76</b>	<b>7.25</b>	<b>4.46</b>	<b>6.23</b>	<b>4.66</b>	<b>4.63</b>	<b>3.63</b>	<b>4.75</b>	<b>3.22</b>	<b>6.58</b>	<b>24.55</b>	<b>33.78</b>
<b>DISTRICT 6</b>														
Ashland	3.33	4.04	4.47	8.57	4.02	5.55	4.68	6.08	3.73	2.13	2.83	2.79	23.06	29.16
Barbourville	4.15	9.32	5.42	6.26	4.42	10.53	4.66	4.73	4.13	3.68	3.65	6.09	26.43	40.61
Baxter	4.18	7.39	5.28	5.35	4.51	6.08	4.62	5.82	4.36	7.44	3.22	4.00	26.17	36.08
Grayson	3.43	4.56	4.50	9.99	4.15	7.79	4.87	4.61	3.53	6.26	2.63	2.49	23.11	35.70
Hazard	4.09	7.86	5.16	8.88	4.67	10.79	4.59	6.85	4.24	3.57	3.55	6.09	26.30	44.04
Jackson	3.79	5.14	5.16	5.89	4.67	7.54	4.59	3.95	4.13	5.12	3.77	4.33	26.11	31.97
Manchester	4.15	4.84	4.83	5.38	4.72	* 8.82	5.22	5.95	3.77	6.72	3.88	8.24	26.57	39.95
Monticello	4.24	5.87	5.15	5.54	4.41	5.20	4.42	4.82	3.82	5.32	3.72	8.04	25.76	34.79
Mount Vernon	4.18	5.09	5.56	4.17	4.77	7.52	4.64	3.44	3.94	2.60	3.79	5.70	26.88	28.52
Paintsville	3.55	5.84	4.54	4.22	4.24	5.90	4.51	3.88	3.88	2.92	3.43	5.04	24.15	27.80
Somerset	4.23	4.77	5.38	5.24	4.87	7.02	4.46	4.19	3.74	5.24	3.66	2.94	26.34	29.40
West Liberty	3.61	4.64	4.84	* 7.74	4.00	5.27	5.07	2.88	3.49	6.76	3.10	4.19	24.11	31.48
Williamsburg	4.08	2.17	5.14	6.93	4.34	6.19	4.19	6.96	4.41	3.05	3.75	5.84	25.91	31.14
<b>AVERAGE</b>	<b>3.92</b>	<b>5.50</b>	<b>5.03</b>	<b>6.47</b>	<b>4.45</b>	<b>7.25</b>	<b>4.66</b>	<b>4.94</b>	<b>3.94</b>	<b>4.68</b>	<b>3.46</b>	<b>5.06</b>	<b>25.45</b>	<b>33.90</b>
<b>STATE AVERAGE</b>	<b>4.20</b>	<b>5.38</b>	<b>4.99</b>	<b>6.73</b>	<b>4.38</b>	<b>5.68</b>	<b>4.42</b>	<b>4.66</b>	<b>3.58</b>	<b>4.81</b>	<b>3.41</b>	<b>5.87</b>	<b>24.98</b>	<b>33.14</b>

<sup>1/</sup>Individual station averages 1971-2000. District and State averages computed. \*Estimated from surrounding stations.



# SPRING FREEZE DATE PROBABILITIES <sup>1/</sup>

## Last Occurrence

District & Station	Earliest	90%	50%	10%	Latest
<b>WESTERN</b>					
Beaver Dam	March 25	April 2	April 12	April 30	May 5
Golden Pond	March 18	March 23	April 6	April 20	April 23
Henderson	March 23	March 26	April 10	April 22	April 23
Hopkinsville <u>2/</u>	March 23	March 29	April 11	April 23	May 5
Lovellsville	March 25	April 1	April 11	April 27	May 9
Madisonville	March 11	March 29	April 10	April 24	May 5
Mayfield	March 24	April 3	April 13	April 25	May 5
Owensboro <u>2/</u>	March 24	March 25	April 10	April 23	May 5
Paducah	March 7	March 24	April 9	April 22	April 29
Princeton	March 24	April 1	April 10	April 26	May 5
<b>CENTRAL</b>					
Bowling Green	March 24	March 26	April 10	April 23	May 5
Campbellsville <u>2/</u>	March 27	March 31	April 13	April 30	May 11
Glasgow	March 28	April 6	April 14	April 30	May 5
Greensburg	March 30	April 5	April 16	April 29	May 5
Leitchfield	April 2	April 8	April 24	May 8	May 16
Louisville	March 22	March 24	April 8	April 21	May 5
Mammoth Cave	March 29	April 6	April 25	May 12	May 16
Scottsville	March 23	March 28	April 10	April 20	April 23
<b>BLUEGRASS</b>					
Berea College	March 25	March 28	April 10	May 3	May 16
Carrollton	March 30	April 7	April 19	May 4	May 7
Covington	March 29	April 5	April 21	May 9	May 16
Danville	March 24	March 31	April 10	April 24	May 6
Dix Dam	February 28	March 30	April 10	April 25	May 8
Falmouth <u>2/</u>	April 3	April 9	April 24	May 10	May 18
Farmers	March 30	April 8	April 25	May 11	May 18
Frankfort	March 31	April 3	April 17	May 4	May 8
Lexington	March 27	April 2	April 13	April 28	May 5
Maysville	March 27	April 8	April 22	May 7	May 10
Shelbyville	April 8	April 11	April 29	May 14	May 18
Williamstown	March 27	April 4	April 11	April 28	May 7
<b>EASTERN</b>					
Ashland	April 11	April 13	May 4	May 20	June 12
Barbourville	March 26	April 11	April 24	May 8	May 10
Baxter	April 1	April 8	April 20	May 7	May 13
London	March 22	April 3	April 18	May 4	May 20
Manchester	April 10	April 20	May 3	May 17	May 27
Middlesboro <u>2/</u>	April 8	April 14	May 1	May 11	May 18
Mount Vernon	April 1	April 8	April 25	May 10	May 16
Somerset	March 25	April 9	April 23	May 7	May 16
Williamsburg	March 29	April 6	April 23	May 7	May 12

<sup>1/</sup>Data are normals from the 1971 - 2000 period with the average date of the last temperatures of 32 degrees or lower being shown in the 50 percent column. All freeze data are based on temperatures at approximately 5 feet above ground and in a representative exposure. Information provided by University of Kentucky Agricultural Weather Center. <sup>2/</sup>Station had missing data and was estimated from surrounding stations.

# FALL FREEZE DATE PROBABILITIES <sup>1/</sup>

## First Occurrence

Division & Station	Earliest	10%	50%	90%	Latest
<b>WESTERN</b>					
Beaver Dam	Sept. 23	Oct. 4	Oct. 22	Nov. 7	Nov. 12
Golden Pond	Oct. 7	Oct. 15	Oct. 27	Nov. 13	Nov. 17
Henderson	Oct. 3	Oct. 8	Oct. 22	Nov. 13	Nov. 23
Hopkinsville <u>2/</u>	Sept. 21	Oct. 3	Oct. 18	Nov. 7	Nov. 13
Lovelandville	Sept. 22	Oct. 3	Oct. 19	Nov. 4	Nov. 7
Madisonville	Oct. 3	Oct. 5	Oct. 21	Nov. 7	Nov. 12
Mayfield	Oct. 3	Oct. 7	Oct. 22	Nov. 6	Nov. 13
Owensboro <u>2/</u>	Oct. 3	Oct. 5	Oct. 21	Nov. 9	Nov. 13
Paducah	Oct. 3	Oct. 7	Oct. 23	Nov. 12	Nov. 13
Princeton	Oct. 3	Oct. 6	Oct. 21	Nov. 6	Nov. 13
<b>CENTRAL</b>					
Bowling Green	Oct. 3	Oct. 7	Oct. 21	Nov. 8	Nov. 13
Campbellsville <u>2/</u>	Oct. 3	Oct. 5	Oct. 22	Nov. 13	Dec. 2
Glasgow	Oct. 3	Oct. 7	Oct. 20	Nov. 8	Nov. 13
Greensburg	Oct. 3	Oct. 5	Oct. 22	Nov. 5	Nov. 10
Leitchfield	Sept. 30	Oct. 3	Oct. 17	Nov. 6	Nov. 8
Louisville	Oct. 3	Oct. 17	Nov. 3	Nov. 13	Nov. 25
Mammoth Cave	Sept. 24	Oct. 3	Oct. 15	Oct. 26	Nov. 8
Scottsville	Oct. 7	Oct. 12	Oct. 27	Nov. 14	Nov. 23
<b>BLUEGRASS</b>					
Berea College	Sept. 24	Oct. 7	Oct. 22	Nov. 13	Nov. 21
Carrollton	Oct. 3	Oct. 8	Oct. 20	Nov. 4	Nov. 8
Covington	Sept. 30	Oct. 4	Oct. 19	Oct. 31	Nov. 8
Danville	Oct. 3	Oct. 17	Oct. 28	Nov. 12	Nov. 20
Dix Dam	Oct. 3	Oct. 11	Oct. 29	Nov. 14	Nov. 21
Falmouth <u>2/</u>	Sept. 9	Sept. 24	Oct. 15	Nov. 4	Nov. 7
Farmers	Sept. 24	Oct. 2	Oct. 17	Nov. 4	Nov. 8
Frankfort	Oct. 3	Oct. 4	Oct. 21	Nov. 5	Nov. 13
Lexington	Oct. 2	Oct. 8	Oct. 25	Nov. 9	Nov. 13
Maysville	Oct. 3	Oct. 4	Oct. 20	Nov. 5	Nov. 8
Shelbyville	Sept. 20	Sept. 23	Oct. 5	Oct. 29	Nov. 19
Williamstown	Sept. 30	Oct. 4	Oct. 20	Nov. 5	Nov. 10
<b>EASTERN</b>					
Ashland	Sept. 23	Sept. 27	Oct. 12	Nov. 3	Jan. 1
Barbourville	Oct. 3	Oct. 9	Oct. 22	Nov. 5	Nov. 13
Baxter	Oct. 3	Oct. 9	Oct. 23	Nov. 6	Nov. 13
London	Sept. 23	Oct. 3	Oct. 13	Nov. 3	Nov. 13
Manchester	Sept. 23	Sept. 27	Oct. 14	Nov. 4	Nov. 7
Middlesboro <u>2/</u>	Oct. 3	Oct. 4	Oct. 18	Nov. 6	Nov. 14
Mount Vernon	Oct. 2	Oct. 3	Oct. 13	Oct. 27	Nov. 4
Somerset	Sept. 27	Oct. 3	Oct. 15	Oct. 29	Nov. 5
Williamsburg	Sept. 30	Oct. 5	Oct. 19	Nov. 7	Nov. 13

<sup>1/</sup>Data are normals from the 1971 - 2000 period with the average date of the last temperatures of 32 degrees or lower being shown in the 50 percent column. All freeze data are based on temperatures at approximately 5 feet above ground and in a representative exposure. Information provided by University of Kentucky Agricultural Weather Center. 2/Station had missing data and was estimated from surrounding stations.

## EQUIVALENT TEMPERATURE

During the summer and winter months many decisions are made which depend upon the temperatures and the extremes which might be expected. Not only do we dress according to the thermometer, but we use it to anticipate the feed requirements and care of livestock. If we have to be out-of-doors, as is the case with children who have to stand waiting for a school bus, we soon find that the temperature alone gives too little information. Should the temperature be zero with a light wind, we would not be as cold as with a strong wind. Thus if we have an idea of how much wind increases the chilling effect of temperature on the human body, we can get a better estimate of how “cold” it really is. Humidity along with summer temperatures can cause fatigue or heat stroke. The apparent temperature gives us a better estimate of how “hot” it really is.

### APPARENT TEMPERATURE CHART

Rel Humid %	Air Temperature (Degrees Fahrenheit)					
	85	90	95	100	105	110
20	82	87	93	99	105	112
30	84	90	96	104	113	123
40	86	93	101	110	123	137
50	88	96	107	120	135	150
60	90	100	114	132	149	
70	93	106	124	144		
80	97	113	130			
90	102	122				
100	108					

CATEGORY	APPARENT TEMP	HEAT SYMPTOMS
I	> 130 degrees	Heatstroke imminent
II	105 to 130 degrees	Sunstroke likely, heatstroke possible
III	90 to 105 degrees	Sunstroke possible
IV	80 to 90 degrees	Fatigue possible

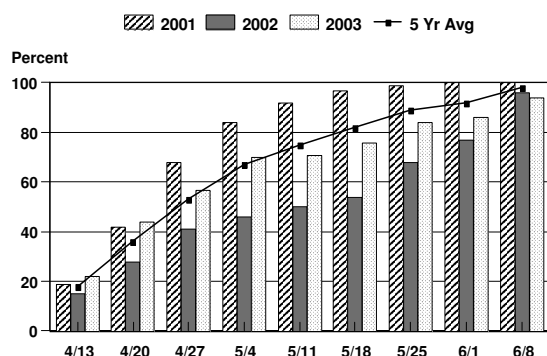
### WIND CHILL CHART

Wind Speed MPH	Air Temperature (Degrees Fahrenheit)																
	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47	-54
10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70	-77
15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	-78	-85	-90
20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	-81	-88	-96	-103
25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	-83	-89	-96	-104	-112
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	-78	-87	-94	-101	-109	-117
35	3	-4	-13	-20	-27	-35	-43	-52	-60	-67	-72	-83	-90	-98	-105	-113	-123
40	1	-4	-15	-22	-29	-36	-45	-54	-62	-69	-76	-87	-94	-101	-107	-116	-128
45	1	-6	-17	-24	-31	-38	-46	-54	-63	-70	-78	-87	-94	-101	-108	-118	-128
50	0	-7	-17	-24	-31	-38	-47	-56	-63	-70	-79	-88	-96	-103	-110	-120	-128

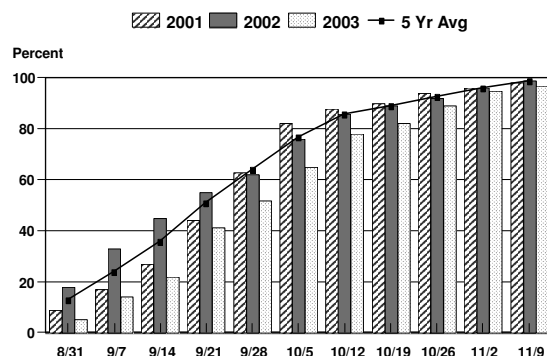
### WIND CHILL (Equivalent Temperature)

# CROP PROGRESS - 2001, 2002, 2003 & 5 YEAR AVERAGE

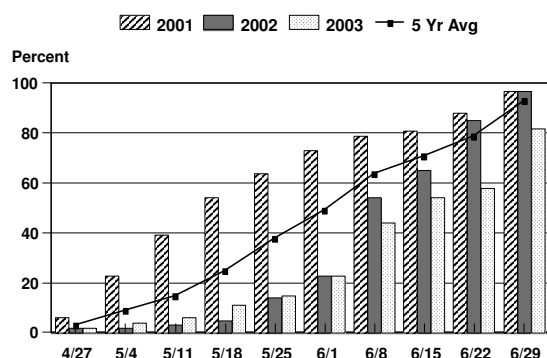
## CORN PLANTING PROGRESS



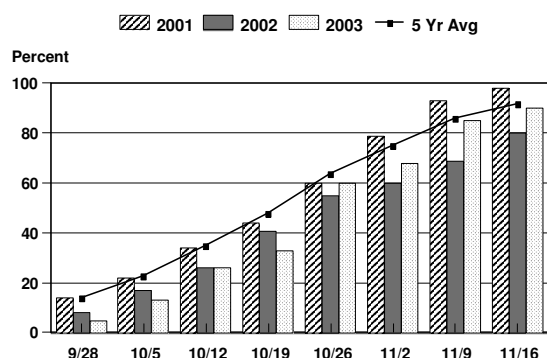
## CORN HARVESTED PROGRESS



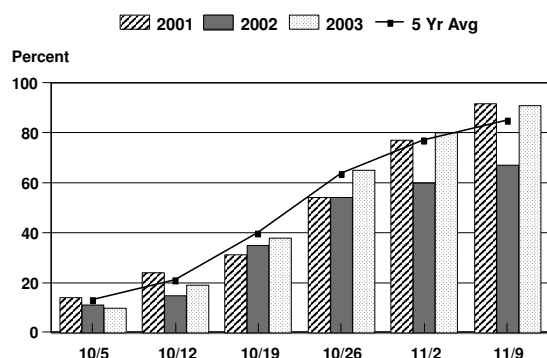
## SOYBEAN PLANTING PROGRESS



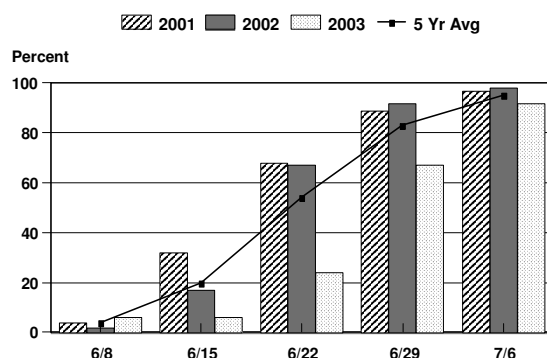
## SOYBEAN HARVESTED PROGRESS



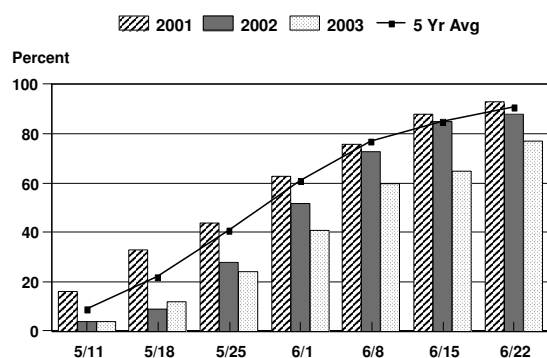
## WHEAT SEEDING PROGRESS



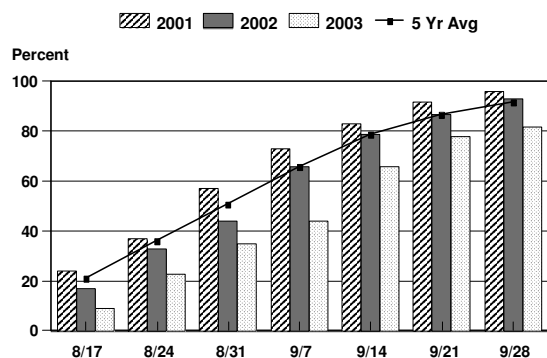
## WHEAT HARVESTED PROGRESS



## BURLEY TOBACCO SET PROGRESS



## BURLEY TOBACCO CUT PROGRESS



## KENTUCKY STOCKS OF GRAIN BY QUARTER 2000 - 2004

Year	OFF FARMS <u>1/</u>				TOTAL STOCKS <u>2/</u>			
	P-Dec 1	Mar 1	June 1	Sept 1	P-Dec 1	Mar 1	June 1	Sept 1
(1,000 Bushels)								
<b>CORN <u>3/</u></b>								
2000	17,237	18,947	11,442	3,393	86,237	50,947	27,442	9,393
2001	26,969	21,004	10,830	4,278	109,969	63,004	28,830	10,078
2002	27,520	23,755	12,768	5,171	109,520	62,755	30,268	11,171
2003 <u>6/</u>	22,760	18,364	11,798	3,810	81,760	41,364	21,798	6,310
<b>2004</b>	<b>23,997</b>	<b>21,483</b>	<b>12,895</b>		<b>88,997</b>	<b>51,483</b>	<b>24,395</b>	
<b>ALL WHEAT <u>4/</u></b>								
2000	6,532	3,796	2,211	10,443	*	*	*	*
2001	7,204	5,276	3,428	10,090	*	*	*	*
2002	6,391	3,849	2,158	7,766	*	*	*	*
2003	4,628	2,812	2,030	8,162	*	*	*	*
<b>2004</b>	<b>6,034</b>	<b>3,933</b>	<b>2,198</b>		*	*	*	
<b>SOYBEANS <u>3/</u></b>								
2000	7,573	7,371	4,154	<u>5/</u>	*	*	*	*
2001	9,200	7,067	2,538	2,406	*	*	*	*
2002	9,885	7,823	4,861	<u>5/</u>	*	*	*	*
2003	9,292	6,677	3,913	<u>5/</u>	*	*	*	*
<b>2004</b>	<b>11,683</b>	<b>6,944</b>	<b><u>5/</u></b>		*	*	*	

## U.S. STOCKS OF GRAIN BY QUARTER 2000 - 2004

Year	OFF FARMS <u>1/</u>				TOTAL STOCKS <u>2/</u>			
	P-Dec 1	Mar 1	June 1	Sept 1	P-Dec 1	Mar 1	June 1	Sept 1
(1,000 Bushels)								
<b>CORN <u>3/</u></b>								
2000	2,844,443	2,301,895	1,556,138	924,549	8,039,443	5,601,895	3,585,938	1,717,549
2001	2,979,634	2,442,999	1,693,158	1,145,958	8,529,634	6,042,999	3,923,958	1,899,108
2002	2,989,715	2,440,263	1,576,290	1,009,626	8,264,715	5,795,263	3,596,890	1,596,426
2003 <u>6/</u>	2,837,971	2,191,873	1,364,718	601,773	7,637,971	5,131,873	2,984,918	1,086,673
<b>2004</b>	<b>2,667,775</b>	<b>2,241,459</b>	<b>1,429,685</b>		<b>7,953,775</b>	<b>5,271,459</b>	<b>2,969,685</b>	
<b>ALL WHEAT <u>4/</u></b>								
2000	1,236,344	991,841	722,968	1,544,280	1,883,744	1,416,521	949,748	2,352,670
2001	1,182,705	953,648	678,912	1,458,964	1,806,125	1,338,398	876,182	2,155,814
2002 <u>6/</u>	1,105,565	871,268	560,282	1,170,787	1,623,455	1,209,768	777,112	1,748,987
2003 <u>6/</u>	935,069	670,333	359,306	1,351,652	1,319,869	906,633	491,416	2,038,972
<b>2004</b>	<b>1,028,359</b>	<b>762,727</b>	<b>414,123</b>		<b>1,520,284</b>	<b>1,020,617</b>	<b>546,003</b>	
<b>SOYBEANS <u>3/</u></b>								
2000	1,032,666	665,986	404,425	177,662	2,182,666	1,395,986	774,425	290,162
2001	1,022,991	623,908	343,180	164,247	2,239,991	1,403,908	708,180	247,747
2002 <u>6/</u>	1,035,618	648,987	383,721	145,361	2,275,618	1,335,987	684,921	208,061
2003 <u>6/</u>	943,373	565,528	329,862	120,329	2,115,373	1,202,028	602,362	178,329
<b>2004</b>	<b>868,653</b>	<b>549,947</b>	<b>299,560</b>		<b>1,688,653</b>	<b>905,847</b>	<b>409,560</b>	

1/Includes stocks at mills, elevators, warehouses, terminals, and processors. 2/Includes on farm and off farm stocks. 3/Marketing year runs from September 1 to August 31. 4/Marketing year runs from June 1 to May 31. 5/Confidential. 6/Revised. \* No estimate published (Kentucky included in unallocated U.S. total for on-farm wheat and on-farm soybeans). (P-Dec 1) Previous year.

## OFF-FARM AND ON-FARM GRAIN STORAGE CAPACITY

Capacity of off-farm commercial grain storage totaled 8.50 billion bushels in the United States on December 1, 2003, down fractionally from December 1, 2002. Twenty-three States showed decreases from a year earlier, 12 States recorded increases in capacity, five States and New England were unchanged.

Illinois continued to lead all States in off-farm storage capacity, followed by Iowa, Kansas, Nebraska and Texas. The top five States accounted for 52 percent of the Nation's off-farm storage capacity on December 1, 2003. Kentucky ranks 23rd among States reporting capacity, with 62.5 million bushels.

U.S. off-farm storage facilities totaled 9,796 on December 1, 2003, up 3 percent from December 1, 2002. Kentucky ranks 17th, tied with North Carolina with 200 facilities, unchanged since December 1, 2002.

The United States on-farm storage capacity totaled 11.0 billion bushels on December 1, 2003, down 1 percent from December 1, 2002. Kentucky on-farm grain storage capacity totaled 160 million bushels, up 7 percent from December 1, 2002.

### KENTUCKY OFF-FARM & ON-FARM GRAIN STORAGE CAPACITY, DECEMBER 1, 1990 - 2003

DATE	Off-Farm Storage		On-Farm Storage
	Number of Facilities	Rated Storage Capacity	Rated Storage Capacity
(December 1)		(1,000 Bu.)	(1,000 Bu.)
1990	262	61,350	190,000
1995	236	55,510	170,000
1996	233	57,820	190,000
1997	229	59,250	180,000
1998	218	58,870	180,000
1999 <u>1/</u>	217	59,200	170,000
2000	197	58,030	170,000
2001	191	58,650	160,000
2002	200	61,500	150,000
<b>2003</b>	<b>200</b>	<b>62,500</b>	<b>160,000</b>

### SELECTED STATES OFF-FARM & ON-FARM GRAIN STORAGE CAPACITY DECEMBER 1, 2002 - 2003

STATE	Number of Off-Farm Facilities		Rated Off-Farm Storage Capacity		Rated On-Farm Storage Capacity	
	2002 <u>1/</u>	2003	2002 <u>1/</u>	2003	2002 <u>1/</u>	2003
			(1,000 Bu.)		(1,000 Bu.)	
Illinois	980	970	1,135,700	1,151,400	1,210,000	1,200,000
Indiana	420	415	367,100	364,400	680,000	680,000
<b>KENTUCKY</b>	<b>200</b>	<b>200</b>	<b>61,500</b>	<b>62,500</b>	<b>150,000</b>	<b>160,000</b>
Missouri	402	396	222,300	219,200	420,000	420,000
Ohio	454	448	357,090	359,320	420,000	410,000
Tennessee	202	204	57,333	58,415	65,000	65,000
U.S.	9,516	9,796	8,506,104	8,498,523	11,070,000	10,970,000

1/Revised. Off-farm capacity data includes all elevators, warehouses, terminals, merchant mills, other storage and oilseed crushers which store grain, soybeans, sunflower seeds, or flaxseed. On-farm capacity data includes all bins, cribs, sheds, and other structures normally used to store whole grains or oilseeds located on farms.

# BURLEY TOBACCO COUNTY ESTIMATES - 2003

District and County	Acres Harv.	Yield Harv. Acre	Production	District and County	Acres Harv.	Yield Harv. Acre	Production
			(Pounds)				(Pounds)
Ballard	655	2,125	1,391,000	Anderson	800	1,990	1,592,000
Calloway	125	2,120	265,000	Bath	1,700	1,805	3,069,000
Carlisle	125	2,140	267,700	Bourbon	2,940	2,180	6,412,000
Graves	195	2,075	404,400	Boyle	1,030	2,040	2,099,000
Hickman	11	2,500	27,500	Clark	1,840	1,905	3,505,000
Lyon	105	2,235	234,500	Fayette	2,650	2,250	5,957,000
McCracken	300	1,885	565,800	Fleming	1,810	1,830	3,308,000
Marshall	94	2,325	218,700	Franklin	1,260	2,140	2,698,000
Trigg	390	2,175	848,400	Garrard	1,690	1,995	3,371,000
Other Counties	2	2,200	4,400	Harrison	2,420	2,075	5,017,000
<b>DISTRICT 1</b>	2,002	2,110	4,227,400	Jessamine	1,660	2,210	3,672,000
Caldwell	340	1,785	607,000	Lincoln	1,550	1,890	2,926,000
Christian	1,410	2,375	3,350,000	Madison	2,470	1,910	4,718,000
Daviess	1,550	2,325	3,602,000	Mason	2,370	1,780	4,219,000
Hancock	590	2,145	1,265,000	Mercer	1,550	2,185	3,386,000
Henderson	175	2,200	385,000	Montgomery	1,670	1,935	3,230,000
Hopkins	86	2,205	189,500	Nicholas	1,590	1,765	2,809,000
Logan	730	2,235	1,631,000	Robertson	680	1,685	1,147,000
McLean	355	2,200	781,400	Scott	2,240	2,455	5,502,000
Muhlenberg	235	2,230	524,000	Shelby	2,720	2,165	5,895,000
Ohio	615	2,100	1,292,000	Spencer	1,020	1,895	1,931,000
Simpson	455	2,025	921,000	Washington	1,490	1,925	2,871,000
Todd	545	2,075	1,130,000	Woodford	2,420	2,285	5,530,000
Webster	76	2,075	157,700	<b>DISTRICT 5</b>	41,570	2,040	84,864,000
Other Counties	15	2,520	37,800	Boyd	10	1,110	11,100
<b>DISTRICT 2</b>	7,177	2,210	15,873,400	Breathitt	380	1,385	527,100
Adair	1,150	1,725	1,985,000	Carter	900	1,380	1,244,000
Allen	835	1,705	1,425,000	Clay	695	1,450	1,009,000
Barren	2,700	1,945	5,245,000	Elliott	535	1,505	804,900
Breckinridge	1,870	2,035	3,810,000	Estill	370	1,615	598,100
Bullitt	300	2,050	614,500	Greenup	500	1,375	688,400
Butler	205	1,960	402,000	Jackson	740	1,545	1,145,000
Casey	1,460	1,805	2,632,000	Johnson	215	1,280	275,300
Clinton	670	1,545	1,036,000	Knox	240	1,515	363,000
Cumberland	735	1,530	1,124,000	Laurel	1,060	1,440	1,527,000
Edmonson	420	1,750	735,500	Lawrence	180	1,280	230,600
Grayson	985	1,805	1,780,000	Lee	190	1,225	232,800
Green	1,470	1,815	2,670,000	Leslie	16	570	9,100
Hardin	1,010	1,935	1,953,000	Lewis	1,160	1,625	1,887,000
Hart	2,230	1,840	4,108,000	McCreary	17	930	15,800
Jefferson	125	1,670	209,000	Magoffin	360	1,470	530,000
Larue	835	1,850	1,543,000	Menifee	405	1,525	617,300
Marion	1,290	1,900	2,453,000	Morgan	1,170	1,520	1,777,000
Meade	440	2,065	908,600	Owsley	520	1,355	705,000
Metcalfe	1,370	1,840	2,523,000	Powell	270	1,405	379,300
Monroe	965	1,680	1,622,000	Pulaski	1,540	1,670	2,571,000
Nelson	1,130	2,145	2,426,000	Rockcastle	780	1,785	1,393,000
Russell	940	1,520	1,430,000	Rowan	425	1,480	628,900
Taylor	1,170	2,005	2,344,000	Wayne	695	1,865	1,295,000
Warren	1,350	1,955	2,636,000	Whitley	115	1,425	164,000
<b>DISTRICT 3</b>	25,655	1,855	47,614,600	Wolfe	585	1,585	926,400
Boone	810	2,035	1,650,000	Other Counties	8	1,615	12,900
Bracken	1,670	1,930	3,223,000	<b>DISTRICT 6</b>	14,081	1,530	21,568,000
Campbell	210	1,580	332,300	<b>KENTUCKY</b>	103,000	1,925	198,275,000
Carroll	950	1,785	1,698,000				
Gallatin	535	2,055	1,099,000				
Grant	1,330	1,870	2,488,000				
Henry	2,300	1,995	4,593,000				
Kenton	350	1,675	586,500				
Oldham	325	1,960	637,800				
Owen	1,890	1,975	3,733,000				
Pendleton	1,230	1,920	2,361,000				
Trimble	915	1,885	1,726,000				
<b>DISTRICT 4</b>	12,515	1,930	24,127,600				

## TOP PRODUCING COUNTIES

	(Pounds)
Bourbon	6,412,000
Fayette	5,957,000
Shelby	5,895,000
Woodford	5,530,000
Scott	5,502,000

## 2004 BURLEY TOBACCO POUNDAGE QUOTAS

District and County	Number of Farms	Basic Quota	Effective Quota	District and County	Number of Farms	Basic Quota	Effective Quota
		(Pounds)				(Pounds)	
Ballard	866	1,328,892	1,311,635	Anderson	1,025	1,678,488	1,769,718
Calloway	513	245,347	246,598	Bath	1,057	3,142,304	3,196,411
Carlisle	325	249,214	248,447	Bourbon	1,327	5,879,530	6,082,280
Fulton	1	342	516	Boyle	861	2,265,361	2,355,305
Graves	782	408,096	413,823	Clark	1,340	3,557,231	3,596,665
Hickman	55	29,353	29,360	Fayette	1,030	5,527,733	5,672,477
Livingston	20	8,528	10,806	Fleming	1,409	3,759,988	3,953,192
Lyon	283	220,805	224,625	Franklin	878	2,775,778	2,896,603
McCracken	695	560,197	572,028	Garrard	1,171	3,535,979	3,634,794
Marshall	535	210,120	216,719	Harrison	1,373	4,594,584	4,662,225
Trigg	638	799,460	802,984	Jessamine	1,373	3,532,317	3,610,012
<b>DISTRICT 1</b>	4,713	4,060,354	4,077,541	Lincoln	1,821	3,242,837	3,383,835
				Madison	1,808	5,313,403	5,707,499
Caldwell	674	530,697	536,468	Mason	956	4,213,492	4,456,041
Christian	1,775	3,027,862	3,005,858	Mercer	1,407	3,370,718	3,433,452
Crittenden	37	16,185	14,550	Montgomery	1,014	3,182,736	3,219,718
Daviess	1,897	3,416,941	3,399,250	Nicholas	806	2,630,954	2,817,944
Hancock	664	1,150,302	1,162,879	Robertson	397	1,188,249	1,300,123
Henderson	509	393,453	410,959	Scott	1,397	5,224,526	5,199,439
Hopkins	270	177,606	179,990	Shelby	1,851	5,719,538	5,868,367
Logan	1,552	1,681,140	1,720,675	Spencer	741	1,918,788	2,023,698
McLean	776	728,689	724,738	Washington	1,178	3,331,042	3,473,421
Muhlenberg	636	476,276	475,992	Woodford	1,111	5,170,504	5,301,459
Ohio	1,334	1,243,121	1,284,506	<b>DISTRICT 5</b>	27,331	84,756,080	87,614,678
Simpson	763	979,620	1,036,428				
Todd	951	1,265,500	1,280,588	Bell	2	5,160	7,792
Union	13	5,190	5,211	Boyd	25	25,632	32,624
Webster	298	151,916	158,168	Breathitt	793	622,107	676,173
<b>DISTRICT 2</b>	12,149	15,244,498	15,396,260	Carter	1,336	1,602,729	1,835,499
				Clay	1,069	1,270,429	1,403,335
Adair	1,744	2,266,814	2,388,312	Elliott	933	1,010,605	1,104,231
Allen	1,382	1,691,817	1,891,129	Estill	728	744,285	822,272
Barren	2,552	5,917,867	6,122,336	Floyd	8	2,632	3,991
Breckinridge	1,686	3,620,352	3,612,275	Greenup	898	915,372	1,069,566
Bullitt	532	631,158	664,234	Harlan	1	4,269	6,448
Butler	608	402,087	420,954	Jackson	1,356	1,582,351	1,715,581
Casey	2,020	2,929,642	3,058,195	Johnson	517	333,401	394,992
Clinton	1,121	1,111,588	1,184,176	Knox	603	454,770	515,740
Cumberland	900	1,241,782	1,362,500	Laurel	2,037	2,096,608	2,328,208
Edmonson	792	843,571	887,338	Lawrence	508	333,907	387,998
Grayson	1,660	1,915,385	2,021,806	Lee	489	301,599	337,063
Green	1,357	2,955,974	2,996,188	Leslie	42	41,267	58,809
Hardin	1,734	2,093,588	2,165,289	Letcher	1	2,187	3,302
Hart	1,639	4,368,483	4,457,233	Lewis	1,042	2,348,802	2,528,856
Jefferson	217	241,166	273,498	McCreary	67	29,628	39,426
Larue	945	1,610,179	1,652,268	Magoffin	1,017	856,875	994,566
Marion	1,006	2,746,801	2,822,688	Menifee	556	723,516	769,654
Meade	839	848,282	842,418	Morgan	1,456	1,922,776	2,018,077
Metcalfe	1,330	2,739,654	2,853,365	Owsley	814	889,367	964,119
Monroe	1,363	1,809,060	1,943,666	Perry	35	32,144	43,592
Nelson	1,325	2,340,247	2,385,328	Powell	467	486,734	537,754
Russell	1,555	1,674,853	1,778,235	Pulaski	2,916	3,210,117	3,572,047
Taylor	1,207	2,465,740	2,509,227	Rockcastle	1,148	1,588,196	1,690,696
Warren	2,171	2,889,158	3,035,786	Rowan	836	785,923	851,990
<b>DISTRICT 3</b>	31,685	51,355,248	53,328,444	Wayne	1,389	1,444,683	1,547,859
				Whitley	489	275,689	306,592
Boone	1,150	1,492,440	1,598,229	Wolfe	768	1,013,616	1,077,300
Bracken	929	3,221,670	3,400,478	<b>DISTRICT 6</b>	24,346	26,957,376	29,646,152
Campbell	467	335,777	358,675				
Carroll	456	1,857,234	2,007,634	<b>KENTUCKY</b>	110,601	207,596,601	216,690,878
Gallatin	451	1,100,578	1,142,373				
Grant	1,444	2,863,861	3,119,825				
Henry	1,214	4,640,825	4,726,451				
Kenton	720	668,316	769,814				
Oldham	406	685,131	735,123				
Owen	1,270	3,950,976	4,133,999				
Pendleton	1,234	2,486,060	2,606,561				
Trimble	636	1,920,177	2,028,641				
<b>DISTRICT 4</b>	10,377	25,223,045	26,627,803				

1/Number of farms by FSA definition with a poundage quota. An individual farmer may operate one or more farms with a poundage quota.



# DARK FIRE-CURED TOBACCO COUNTY ESTIMATES - 2003

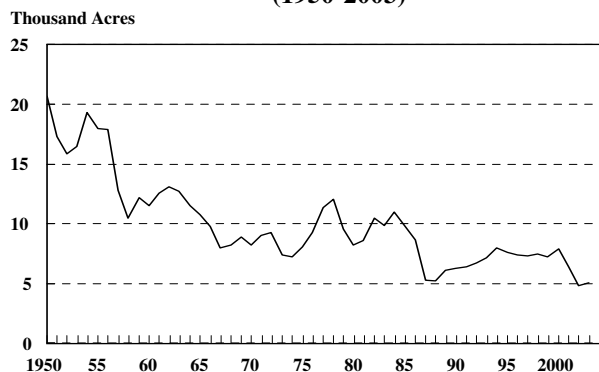
## EASTERN DARK, TYPE 22

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Caldwell	180	2,850	513,000
Christian	840	3,200	2,690,000
Logan	240	2,975	714,000
Lyon	148	3,025	448,000
Muhlenberg	230	2,930	674,000
Simpson	26	2,770	72,000
Todd	450	3,125	1,406,000
Trigg	485	3,070	1,488,000
Other Counties	1	3,000	3,000
<b>STATE TOTAL</b>	<b>2,600</b>	<b>3,080</b>	<b>8,008,000</b>

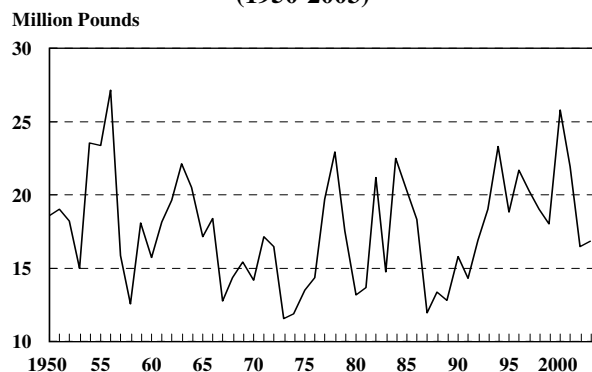
## WESTERN DARK, TYPE 23

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Ballard	11	3,455	38,000
Calloway	1,045	3,755	3,925,000
Carlisle	95	4,095	389,000
Graves	1,160	3,345	3,881,000
Hickman	41	3,660	150,000
McCracken	44	2,545	112,000
Marshall	104	3,175	330,000
<b>STATE TOTAL</b>	<b>2,500</b>	<b>3,530</b>	<b>8,825,000</b>

**Kentucky Dark Fire-Cured Tobacco  
Harvested Acres  
(1950-2003)**



**Kentucky Dark Fire-Cured Tobacco  
Production  
(1950-2003)**



## DARK AIR-CURED TOBACCO COUNTY ESTIMATES - 2003

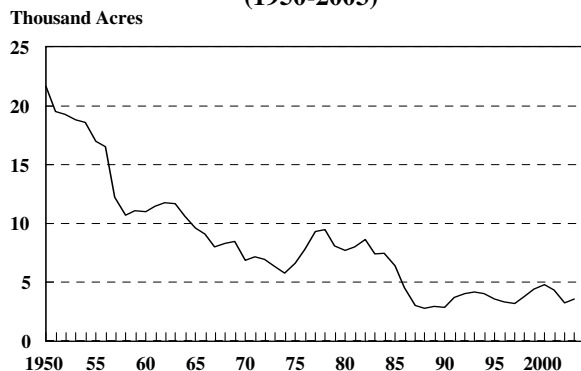
### ONE SUCKER, TYPE 35

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Allen	39	1,720	67,000
Butler	27	2,150	58,000
Caldwell	36	2,695	97,000
Calloway	59	3,730	220,000
Carlisle	22	3,775	83,000
Christian	27	2,780	75,000
Graves	345	3,335	1,150,000
Hickman	24	3,375	81,000
Logan	950	2,795	2,654,000
Lyon	9	3,555	32,000
Marshall	36	3,195	115,000
Muhlenberg	57	2,595	148,000
Simpson	340	2,410	819,000
Todd	280	2,750	770,000
Trigg	13	2,460	32,000
Warren	31	3,095	96,000
Other Counties	5	2,400	12,000
<b>STATE TOTAL</b>	<b>2,300</b>	<b>2,830</b>	<b>6,509,000</b>

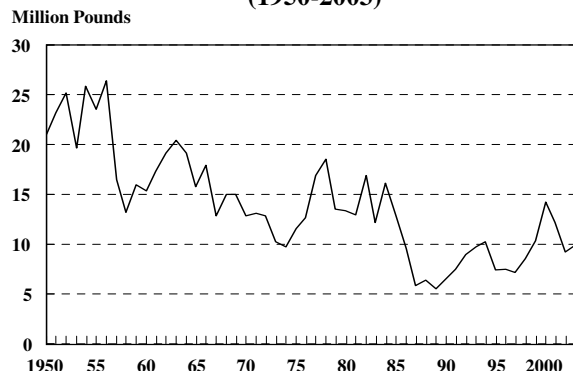
### GREEN RIVER, TYPE 36

County	Acres Harvested	Yield Per Acre (Lbs)	Production (Lbs)
Daviess	400	2,975	1,190,000
Hancock	7	2,430	17,000
Henderson	210	2,510	527,000
Hopkins	90	2,910	262,000
McLean	255	2,735	698,000
Ohio	63	2,715	171,000
Webster	220	2,495	549,000
Other Counties	5	2,200	11,000
<b>STATE TOTAL</b>	<b>1,250</b>	<b>2,740</b>	<b>3,425,000</b>

**Kentucky Dark Air-Cured Tobacco  
Harvested Acres  
(1950-2003)**



**Kentucky Dark Air-Cured Tobacco  
Production  
(1950-2003)**



# CORN FOR ALL PURPOSES COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production
				(Bushels)					(Bushels)
Ballard	24,000	23,700	96	2,275,200	Bath	3,100	2,600	97	252,200
Calloway	36,800	36,500	106	3,869,000	Bourbon	4,500	3,400	60	204,000
Carlisle	22,500	22,000	113	2,486,000	Boyle	2,600	800	74	59,200
Fulton	25,800	25,800	115	2,967,000	Clark	2,300	1,800	73	131,400
Graves	59,000	58,000	115	6,670,000	Fayette	3,300	2,400	66	158,400
Hickman	39,400	39,000	109	4,251,000	Fleming	4,900	2,500	72	180,000
Livingston	6,400	6,000	82	492,000	Franklin	1,200	1,000	46	46,000
Lyon	5,200	5,000	87	435,000	Garrard	1,900	1,000	93	93,000
McCracken	9,400	9,200	102	938,400	Harrison	3,300	2,400	71	170,400
Marshall	10,600	10,500	91	955,500	Jessamine	1,300	1,100	47	51,700
Trigg	21,700	21,500	118	2,537,000	Lincoln	7,600	4,700	103	484,100
<b>DISTRICT 1</b>	260,800	257,200	108.4	27,876,100	Madison	2,500	1,300	85	110,500
Caldwell	20,600	20,000	102	2,040,000	Mason	5,400	2,900	63	182,700
Christian	74,800	73,000	112	8,176,000	Mercer	3,400	2,200	92	202,400
Crittenden	7,900	7,500	86	645,000	Montgomery	1,800	1,100	76	83,600
Daviess	65,500	64,400	101	6,504,400	Nicholas	1,400	1,000	73	73,000
Hancock	6,000	5,900	105	619,500	Scott	2,300	2,000	72	144,000
Henderson	58,300	58,000	99	5,742,000	Shelby	12,700	9,600	73	700,800
Hopkins	22,100	22,000	85	1,870,000	Spencer	3,500	3,000	71	213,000
Logan	56,900	55,000	118	6,490,000	Washington	4,200	2,700	99	267,300
McLean	40,600	40,200	102	4,100,400	Woodford	1,900	1,500	52	78,000
Muhlenberg	13,000	12,700	93	1,181,100	Other Counties <u>3/</u>	1,000	600	45.8	27,500
Ohio	20,100	20,000	114	2,280,000	<b>DISTRICT 5</b>	76,100	51,600	75.8	3,913,200
Simpson	33,800	33,200	119	3,950,800	Clay	1,000	900	85	76,500
Todd	46,000	43,800	114	4,993,200	Estill	900	800	67	53,600
Union	76,700	76,300	104	7,935,200	Greenup	1,400	1,200	71	85,200
Webster	33,100	33,000	89	2,937,000	Knox	1,000	900	105	94,500
<b>DISTRICT 2</b>	575,400	565,000	105.2	59,464,600	Laurel	1,600	800	99	79,200
Adair	7,200	2,900	98	284,200	Lewis	2,000	1,600	81	129,600
Allen	2,700	2,500	89	222,500	Pulaski	7,600	5,000	116	580,000
Barren	15,100	8,400	109	915,600	Rockcastle	1,600	800	112	89,600
Breckinridge	11,900	11,500	86	989,000	Rowan	1,200	1,100	106	116,600
Bullitt	3,000	2,300	74	170,200	Wayne	5,100	4,500	120	540,000
Butler	13,200	12,800	112	1,433,600	Whitley	1,200	800	97	77,600
Casey	4,200	3,200	105	336,000	Other Counties <u>3/</u>	5,700	3,800	82.7	314,100
Clinton	1,500	900	86	77,400	<b>DISTRICT 6</b>	30,300	22,200	100.7	2,236,500
Cumberland	1,700	1,600	95	152,000	<b>KENTUCKY</b>	1,160,000	1,070,000	104.0	111,280,000
Edmonson	1,900	1,500	104	156,000					
Grayson	7,600	6,000	93	558,000					
Green	4,200	3,300	104	343,200					
Hardin	22,900	21,500	98	2,107,000					
Hart	4,100	2,300	96	220,800					
Jefferson	1,200	1,100	80	88,000					
Larue	15,600	14,600	103	1,503,800					
Marion	9,600	6,500	118	767,000					
Meade	10,200	9,700	71	688,700					
Metcalfe	2,900	1,300	93	120,900					
Monroe	4,200	900	98	88,200					
Nelson	12,500	9,800	109	1,068,200					
Russell	4,600	3,100	111	344,100					
Taylor	7,700	6,100	116	707,600					
Warren	28,200	25,700	125	3,212,500					
<b>DISTRICT 3</b>	197,900	159,500	103.8	16,554,500					
Boone	2,600	2,100	94	197,400					
Bracken	1,600	900	68	61,200					
Campbell	900	600	68	40,800					
Carroll	1,200	900	96	86,400					
Gallatin	1,100	900	85	76,500					
Henry	4,200	2,700	75	202,500					
Oldham	3,900	3,600	105	378,000					
Pendleton	1,200	1,000	66	66,000					
Trimble	1,000	900	66	59,400					
Other Counties <u>3/</u>	1,800	900	74.3	66,900					
<b>DISTRICT 4</b>	19,500	14,500	85.2	1,235,100					

## TOP PRODUCING COUNTIES

(Bushels)

Christian	8,176,000
Union	7,935,200
Graves	6,670,000
Daviess	6,504,400
Logan	6,490,000

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".

# SOYBEAN COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <sup>2/</sup>	Yield Harv. Acre	Production (Bushels)	District and County	Acres Planted	Acres Harv. <sup>2/</sup>	Yield Harv. Acre	Production (Bushels)
Ballard	42,500	42,000	32	1,344,000	Boone	2,200	2,000	30	60,000
Calloway	44,000	43,800	32	1,401,600	Carroll	2,400	2,300	29	66,700
Carlisle	28,400	27,900	37	1,032,300	Gallatin	1,300	1,200	32	38,400
Fulton	57,400	56,800	33	1,874,400	Henry	4,400	4,200	20	84,000
Graves	67,400	66,700	34	2,267,800	Oldham	4,300	4,100	28	114,800
Hickman	46,500	46,200	35	1,617,000	Pendleton	1,400	1,300	17	22,100
Livingston	15,700	15,500	22	341,000	Trimble	3,600	3,300	27	89,100
Lyon	6,000	5,900	31	182,900	Other Counties <sup>3/</sup>	1,100	1,000	27.7	27,700
McCracken	32,500	32,000	27	864,000	<b>DISTRICT 4</b>	20,700	19,400	25.9	502,800
Marshall	17,100	17,000	25	425,000	Bath	2,300	2,100	33	69,300
Trigg	16,000	15,600	34	530,400	Bourbon	3,600	3,500	18	63,000
<b>DISTRICT 1</b>	373,500	369,400	32.2	11,880,400	Boyle	1,100	1,100	28	31,000
Caldwell	22,900	22,600	29	655,400	Clark	800	800	26	20,800
Christian	59,500	59,000	36	2,124,000	Fayette	2,700	2,600	27	70,200
Crittenden	13,300	13,000	28	364,000	Fleming	3,000	2,900	34	98,600
Daviess	80,500	80,000	33	2,640,000	Franklin	1,100	1,000	25	25,000
Hancock	12,600	12,500	32	400,000	Garrard	700	600	33	19,800
Henderson	91,500	91,200	31	2,827,200	Harrison	2,900	2,800	20	56,000
Hopkins	40,200	39,800	29	1,154,200	Jessamine	1,000	1,000	35	35,000
Logan	55,300	54,800	35	1,918,000	Lincoln	4,300	4,200	35	147,000
McLean	49,500	49,100	32	1,571,200	Mason	2,200	2,100	15	31,500
Muhlenberg	18,500	18,200	28	509,600	Mercer	1,200	1,200	25	30,000
Ohio	31,300	30,900	35	1,081,500	Scott	900	800	18	14,400
Simpson	36,500	36,300	37	1,343,100	Shelby	19,300	18,900	23	434,700
Todd	42,500	42,000	40	1,680,000	Spencer	5,000	4,800	26	124,800
Union	56,500	56,000	36	2,016,000	Washington	2,600	2,400	40	96,000
Webster	43,400	43,000	32	1,376,000	Woodford	1,700	1,600	17	27,200
<b>DISTRICT 2</b>	654,000	648,400	33.4	21,660,200	Other Counties <sup>3/</sup>	1,000	600	34.7	20,800
Adair	2,200	2,100	37	77,700	<b>DISTRICT 5</b>	57,400	55,000	25.7	1,415,100
Allen	1,600	1,500	24	36,000	Estill	700	700	33	23,100
Barren	6,600	6,400	39	249,600	Greenup	900	800	42	33,600
Breckinridge	15,800	15,500	32	496,000	Lewis	3,300	3,200	27	86,400
Bullitt	4,200	4,100	26	106,600	Powell	1,800	1,700	33	56,100
Butler	15,700	15,500	37	573,500	Pulaski	6,100	5,600	38	212,800
Casey	1,700	1,500	43	64,500	Rowan	900	800	36	28,800
Clinton	700	600	34	20,400	Wayne	5,600	5,300	38	201,400
Cumberland	1,000	700	37	25,900	Other Counties <sup>3/</sup>	2,100	1,500	35.0	52,500
Edmonson	3,600	3,500	39	136,500	<b>DISTRICT 6</b>	21,400	19,600	35.4	694,700
Grayson	8,200	8,000	34	272,000	<b>KENTUCKY</b>	1,310,000	1,290,000	33.0	42,570,000
Green	2,200	2,000	42	84,000					
Hardin	27,500	27,100	36	975,600					
Hart	1,600	1,200	37	44,400					
Jefferson	1,700	1,600	27	43,200					
Larue	17,500	17,100	38	649,800					
Marion	8,300	8,200	43	352,600					
Meade	13,300	13,200	24	316,800					
Metcalfe	1,100	1,000	34	34,000					
Monroe	800	700	30	21,000					
Nelson	13,400	13,000	37	481,000					
Russell	3,500	3,400	36	122,400					
Taylor	7,300	7,100	43	305,300					
Warren	23,500	23,200	40	928,000					
<b>DISTRICT 3</b>	183,000	178,200	36.0	6,416,800					

## TOP PRODUCING COUNTIES

(Bushels)

Henderson	2,827,200
Daviess	2,640,000
Graves	2,267,800
Christian	2,124,000
Union	2,016,000

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Harvested for Beans. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".

# WINTER WHEAT COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production	District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production
(Bushels)					(Bushels)				
Ballard	12,500	10,200	45	459,000	Henry	3,100	700	31	21,700
Calloway	25,000	23,000	44	1,012,000	Oldham	1,800	1,400	50	70,000
Carlisle	4,100	2,700	50	135,000	Other Counties <u>3/</u>	11,100	1,100	33.1	36,400
Fulton	13,400	13,300	48	638,400	<b>DISTRICT 4</b>	16,000	3,200	40.0	128,100
Graves	20,500	18,700	49	916,300	Bourbon	4,300	1,000	43	43,000
Hickman	14,900	12,800	50	640,000	Fayette	2,800	700	37	25,900
Livingston	2,100	1,500	47	70,500	Fleming	4,700	600	38	22,800
Lyon	2,300	1,500	66	99,000	Lincoln	6,300	900	39	35,100
McCracken	4,700	4,000	41	164,000	Mercer	2,700	600	32	19,200
Marshall	3,500	3,400	38	129,200	Shelby	7,600	4,300	39	167,700
Trigg	11,000	10,000	56	560,000	Spencer	2,000	800	36	28,800
<b>DISTRICT 1</b>	114,000	101,100	47.7	4,823,400	Washington	4,000	700	44	30,800
Caldwell	7,400	5,900	50	295,000	Other Counties <u>3/</u>	32,100	3,100	39.5	122,400
Christian	46,000	42,900	57	2,445,300	<b>DISTRICT 5</b>	66,500	12,700	39.0	495,700
Crittenden	1,600	800	54	43,200	Pulaski	5,100	800	49	39,200
Daviess	10,500	7,800	54	421,200	Wayne	2,500	500	63	31,500
Hancock	1,900	1,200	48	57,600	Other Counties <u>3/</u>	5,900	1,500	39.0	58,500
Henderson	5,200	4,500	43	193,500	<b>DISTRICT 6</b>	23,500	2,800	46.1	129,200
Hopkins	2,100	1,900	51	96,900	<b>KENTUCKY</b>	530,000	330,000	52.0	17,160,000
Logan	41,500	38,000	60	2,280,000					
McLean	6,400	5,800	51	295,800					
Muhlenberg	2,800	2,400	50	120,000					
Ohio	1,500	400	40	16,000					
Simpson	25,000	23,600	55	1,298,000					
Todd	29,500	27,400	59	1,616,600					
Union	8,100	6,700	52	348,400					
Webster	3,500	3,300	53	174,900					
<b>DISTRICT 2</b>	193,000	172,600	56.2	9,702,400					
Allen	1,900	800	49	39,200					
Barren	12,400	2,700	49	132,300					
Breckinridge	6,200	3,600	38	136,800					
Bullitt	1,100	500	31	15,500					
Butler	1,900	900	40	36,000					
Grayson	2,700	600	42	25,200					
Green	3,500	500	34	17,000					
Hardin	5,400	2,400	45	108,000					
Larue	5,500	700	52	36,400					
Marion	7,600	1,300	42	54,600					
Meade	4,900	3,700	49	181,300					
Nelson	8,300	2,600	41	106,600					
Russell	4,400	600	43	25,800					
Taylor	7,000	1,000	50	50,000					
Warren	17,800	13,600	60	816,000					
Other Counties <u>3/</u>	26,400	2,100	47.9	100,500					
<b>DISTRICT 3</b>	117,000	37,600	50.0	1,881,200					

## TOP PRODUCING COUNTIES

(Bushels)

Christian	2,445,300
Logan	2,280,000
Todd	1,616,600
Simpson	1,298,000
Calloway	1,012,000

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".

# ALFALFA HAY COUNTY ESTIMATES - 1999 <sup>1/</sup>

District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)	District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)
Ballard	900	3.0	2,700	Anderson	1,500	3.0	4,500
Calloway	700	3.5	2,450	Bath	2,600	2.6	6,760
Graves	700	2.5	1,750	Bourbon	4,400	2.6	11,440
Livingston	500	3.1	1,550	Boyle	1,800	2.9	5,220
Lyon	700	2.3	1,610	Clark	2,000	2.7	5,400
Trigg	800	2.7	2,160	Fayette	2,600	2.8	7,280
Other Counties <sup>2/</sup>	1,300	2.88	3,740	Fleming	11,500	2.5	28,750
<b>DISTRICT 1</b>	5,600	2.85	15,960	Franklin	1,600	3.0	4,800
Caldwell	1,600	3.7	5,920	Garrard	3,100	2.8	8,680
Christian	2,500	2.8	7,000	Harrison	4,500	2.2	9,900
Crittenden	1,300	2.7	3,510	Jessamine	1,500	2.4	3,600
Daviess	1,200	2.9	3,480	Lincoln	7,100	2.7	19,170
Hancock	600	2.5	1,500	Madison	2,700	2.2	5,940
Henderson	1,400	3.7	5,180	Mason	8,400	1.9	15,960
Hopkins	500	2.8	1,400	Mercer	4,800	3.3	15,840
Logan	2,400	3.6	8,640	Montgomery	1,400	1.8	2,520
Muhlenberg	700	3.7	2,590	Nicholas	2,900	2.4	6,960
Ohio	700	3.4	2,380	Robertson	1,000	2.3	2,300
Simpson	1,600	3.2	5,120	Scott	2,900	2.8	8,120
Todd	1,800	3.0	5,400	Shelby	9,000	2.8	25,200
Union	1,300	3.2	4,160	Spencer	3,000	4.0	12,000
Other Counties <sup>2/</sup>	800	3.40	2,720	Washington	3,000	2.7	8,100
<b>DISTRICT 2</b>	18,400	3.21	59,000	Woodford	2,900	2.0	5,800
Adair	3,400	2.7	9,180	<b>DISTRICT 5</b>	86,200	2.60	224,240
Allen	1,300	2.5	3,250	Carter	800	1.9	1,520
Barren	7,200	3.4	24,480	Estill	900	2.1	1,890
Breckinridge	1,500	3.2	4,800	Greenup	700	2.1	1,470
Bullitt	1,300	3.0	3,900	Jackson	600	2.1	1,260
Butler	600	3.0	1,800	Laurel	1,000	2.0	2,000
Casey	3,400	3.0	10,200	Lewis	2,300	2.0	4,600
Clinton	800	3.4	2,720	Morgan	800	3.0	2,400
Cumberland	600	5.0	3,000	Pulaski	3,600	2.3	8,280
Edmonson	1,300	2.9	3,770	Rockcastle	2,300	2.5	5,750
Grayson	3,000	3.6	10,800	Wayne	1,300	3.6	4,680
Green	2,900	4.0	11,600	Other Counties <sup>2/</sup>	2,900	2.73	7,930
Hardin	6,200	3.5	21,700	<b>DISTRICT 6</b>	17,200	2.43	41,780
Hart	8,600	3.8	32,680	<b>KENTUCKY</b>	230,000	2.90	667,000
Jefferson	1,000	2.5	2,500				
Larue	4,000	2.4	9,600				
Marion	3,400	2.4	8,160				
Meade	4,300	3.0	12,900				
Metcalfe	2,300	3.1	7,130				
Monroe	2,000	5.0	10,000				
Nelson	5,600	2.8	15,680				
Russell	1,000	3.8	3,800				
Taylor	1,800	3.1	5,580				
Warren	5,100	3.2	16,320				
<b>DISTRICT 3</b>	72,600	3.24	235,550				
Boone	3,100	3.0	9,300				
Bracken	3,200	2.6	8,320				
Campbell	1,400	2.3	3,220				
Carroll	800	2.5	2,000				
Gallatin	600	2.5	1,500				
Grant	2,600	2.3	5,980				
Henry	5,800	3.8	22,040				
Kenton	1,500	4.0	6,000				
Oldham	2,600	3.5	9,100				
Owen	3,000	3.3	9,900				
Pendleton	3,100	2.3	7,130				
Trimble	2,300	2.6	5,980				
<b>DISTRICT 4</b>	30,000	3.02	90,470				

## TOP PRODUCING COUNTIES

(Tons)

Hart	32,680
Fleming	28,750
Shelby	25,200
Barren	24,480
Henry	22,040

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Less than 500 acres harvested included in "Other Counties".

# ALL OTHER HAY COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)	District and County	Acres Harv.	Yield Harv. Acre	Production (Tons)
Ballard	6,600	2.3	15,180	Anderson	17,800	1.9	33,820
Calloway	11,600	2.2	25,520	Bath	21,000	1.8	37,800
Carlisle	5,300	2.3	12,190	Bourbon	38,000	1.9	72,200
Fulton	1,900	1.6	3,040	Boyle	26,500	1.8	47,700
Graves	14,500	2.1	30,450	Clark	32,500	2.0	65,000
Hickman	2,700	2.1	5,670	Fayette	15,800	2.1	33,180
Livingston	20,000	2.2	44,000	Fleming	28,000	2.1	58,800
Lyon	6,000	2.1	12,600	Franklin	16,600	1.6	26,560
McCracken	5,600	2.2	12,320	Garrard	26,100	1.9	49,590
Marshall	12,100	2.0	24,200	Harrison	34,300	1.9	65,170
Trigg	15,100	2.2	33,220	Jessamine	17,000	2.0	34,000
<b>DISTRICT 1</b>	101,400	2.15	218,390	Lincoln	29,200	2.1	61,320
Caldwell	15,100	1.9	28,690	Madison	47,000	2.1	98,700
Christian	25,100	2.0	50,200	Mason	23,700	1.8	42,660
Crittenden	21,700	1.9	41,230	Mercer	30,900	2.1	64,890
Daviess	16,600	2.1	34,860	Montgomery	19,600	1.9	37,240
Hancock	7,200	2.0	14,400	Nicholas	21,500	1.5	32,250
Henderson	8,100	2.0	16,200	Robertson	7,800	1.7	13,260
Hopkins	17,500	1.8	31,500	Scott	27,800	1.8	50,040
Logan	34,600	2.3	79,580	Shelby	36,500	1.6	58,400
McLean	5,300	2.5	13,250	Spencer	15,200	1.9	28,880
Muhlenberg	19,100	2.1	40,110	Washington	41,300	1.9	78,470
Ohio	18,500	1.8	33,300	Woodford	16,200	1.7	27,540
Simpson	13,700	2.3	31,510	<b>DISTRICT 5</b>	590,300	1.89	1,117,470
Todd	12,700	2.3	29,210	Bell	1,100	1.5	1,650
Union	7,700	2.2	16,940	Boyd	3,400	1.5	5,100
Webster	9,700	1.8	17,460	Breathitt	1,200	1.6	1,920
<b>DISTRICT 2</b>	232,600	2.06	478,440	Carter	11,500	1.8	20,700
Adair	39,400	2.0	78,800	Clay	3,800	1.9	7,220
Allen	39,600	2.2	87,120	Elliott	6,600	2.0	13,200
Barren	66,500	2.0	133,000	Estill	8,800	1.7	14,960
Breckinridge	40,600	2.1	85,260	Floyd	800	1.9	1,520
Bullitt	10,100	2.0	20,200	Greenup	12,000	2.0	24,000
Butler	19,200	1.8	34,560	Jackson	14,000	1.7	23,800
Casey	33,100	2.3	76,130	Johnson	2,100	1.5	3,150
Clinton	15,700	2.2	34,540	Knox	7,200	2.0	14,400
Cumberland	12,800	2.2	28,160	Laurel	26,400	1.9	50,160
Edmonson	17,200	2.2	37,840	Lawrence	4,000	1.6	6,400
Grayson	40,000	2.0	80,000	Lee	4,000	1.4	5,600
Green	32,700	2.3	75,210	Lewis	16,800	2.1	35,280
Hardin	35,000	2.1	73,500	McCreary	3,300	1.5	4,950
Hart	30,000	2.1	63,000	Magoffin	2,300	1.6	3,680
Jefferson	7,500	1.5	11,250	Menifee	5,500	1.7	9,350
Larue	27,500	1.9	52,250	Morgan	11,300	2.0	22,600
Marion	36,100	2.4	86,640	Owsley	2,600	1.8	4,680
Meade	19,400	2.0	38,800	Perry	1,100	1.6	1,760
Metcalfe	27,200	2.2	59,840	Pike	500	1.5	750
Monroe	35,600	2.2	78,320	Powell	4,300	2.0	8,600
Nelson	36,000	2.1	75,600	Pulaski	55,500	2.2	122,100
Russell	21,500	2.2	47,300	Rockcastle	15,300	2.5	38,250
Taylor	25,700	2.3	59,110	Rowan	10,800	1.6	17,280
Warren	47,200	2.0	94,400	Wayne	19,500	2.4	46,800
<b>DISTRICT 3</b>	715,600	2.11	1,510,830	Whitley	13,200	1.9	25,080
Boone	13,200	1.7	22,440	Wolfe	6,200	2.0	12,400
Bracken	15,200	1.8	27,360	Other Counties <sup>2/</sup>	900	1.71	1,540
Campbell	11,800	1.7	20,060	<b>DISTRICT 6</b>	276,000	1.99	548,880
Carroll	9,000	1.7	15,300	<b>KENTUCKY</b>	2,100,000	2.00	4,200,000
Gallatin	5,200	1.5	7,800				
Grant	20,100	1.7	34,170				
Henry	32,400	1.9	61,560				
Kenton	10,200	2.0	20,400				
Oldham	7,400	1.9	14,060				
Owen	27,700	1.7	47,090				
Pendleton	24,300	1.7	41,310				
Trimble	7,600	1.9	14,440				
<b>DISTRICT 4</b>	184,100	1.77	325,990				

## TOP PRODUCING COUNTIES

(Tons)	
Barren	133,000
Pulaski	122,100
Madison	98,700
Warren	94,400
Allen	87,120

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Less than 500 acres harvested included in "Other Counties".

## SORGHUM COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production  (Bushels)
Ballard	620	600	89	53,400
Fulton	560	550	113	62,150
Other Counties <u>3/</u>	270	100	67.1	6,712
<b>DISTRICT 1</b>	1,450	1,250	97.8	122,262
Daviess	780	750	67	50,250
Henderson	1,950	1,900	77	146,300
Hopkins	1,450	1,400	47	65,800
Logan	870	700	55	38,500
McLean	850	700	76	53,200
Union	980	950	96	91,200
Webster	1,250	1,200	90	108,000
Other Counties <u>3/</u>	760	550	68.3	37,580
<b>DISTRICT 2</b>	8,890	8,150	72.5	590,830
<b>OTHER DISTRICTS</b>	1,660	600	61.5	36,908
<b>KENTUCKY</b>	12,000	10,000	75.0	750,000

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".

## BARLEY COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Acres Planted	Acres Harv. <u>2/</u>	Yield Harv. Acre	Production  (Bushels)
Logan	2,800	2,500	69	172,500
Simpson	2,400	2,200	66	145,200
Todd	1,200	1,000	71	71,000
Other Counties <u>3/</u>	500	200	45.0	9,000
<b>DISTRICT 2</b>	6,900	5,900	67.4	397,700
Allen	530	510	48	24,480
Other Counties <u>3/</u>	520	210	52.0	10,930
<b>DISTRICT 3</b>	1,050	720	49.2	35,410
<b>OTHER DISTRICTS</b>	1,050	380	57.6	21,890
<b>KENTUCKY</b>	9,000	7,000	65.0	455,000

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Harvested for Grain. <sup>3/</sup>Less than 500 acres harvested included in "Other Counties".



## APPLES AND PEACHES

Utilized production of commercial apples in Kentucky totaled 7.10 million pounds in 2003, up 3.10 million pounds from the small 2002 crop. Prices averaged 32.7 cents per pound, up 0.9 cents from 2002. The value of utilized production totaled \$2.32 million, up from the \$1.27 million in 2002. The larger apple crop resulted from good growing conditions, plentiful rain and absence of a late spring freeze. Producers continue to remove old trees in operating orchards while old orchards continue to go out of business. Some producers planted new trees to replace older trees.

U.S. utilized apple production for 2003 was estimated at 8.52 billion pounds, up 2 percent from the 2002 level. Utilized production for Michigan and New York increased 63 percent and 56 percent respectively, while Washington's utilized production decreased 12 percent compared to the 2002 crop. In Washington, poor weather during pollination led to spotty bloom in some orchards. In Michigan and New

York, excellent growing conditions allowed production to rebound from the short 2002 crop. Improved growing conditions in Ohio, Pennsylvania, and Virginia increased utilized production from the 2002 weather reduced crops.

Kentucky's utilized peach production totaled 1.80 million pounds in 2003, up from the 2002 crop. Prices averaged 55.7 cents per pound, up 1.2 cents from 2002 but below the record high 62.3 cents per pound of 1996. Value of all utilized 2003 production totaled \$1.00 million compared to \$654,000 in 2002. Good growing conditions combined with plentiful soil moisture and absence of a late freeze produced a good peach crop.

U.S. utilized peach production in 2003 was estimated at 2.41 billion pounds, down 1 percent from the previous year but 4 percent above 2001. The California crop, accounting for 76 percent of the U.S. utilized peach production, was down 2 percent from 2002.

### KENTUCKY APPLES UTILIZED PRODUCTION AND VALUE 1994 - 2003

YEAR	FRESH UTILIZATION		PROCESSED UTILIZATION		TOTAL UTILIZATION		
	Quantity	Price Per Pound	Quantity	Price Per Ton	Quantity	Price Per Pound	Value of Production
	(Mil Lbs.)	(Cents)	(Mil Lbs.)	(Dollars)	(Mil Lbs.)	(Cents)	(\$1,000)
1994	5.8	23.0	0.7	200.00	6.5	21.6	1,404
1995	8.7	27.8	1.4	224.00	10.1	25.5	2,576
1996	8.5	32.4	1.1	510.00	9.6	31.6	3,035
1997	4.9	27.0	0.9	420.00	5.8	26.1	1,512
1998	9.0	28.4	0.0	0.00	9.0	28.4	2,556
1999	6.6	30.5	0.4	188.00	7.0	29.3	2,051
2000	4.9	27.3	0.7	166.00	5.6	24.9	1,396
2001	6.5	30.5	0.5	188.00	7.0	29.0	2,030
2002	3.8	33.0	0.2	180.00	4.0	31.8	1,272
<b>2003</b>	<b>7.0</b>	<b>33.0</b>	<b>0.1</b>	<b>240.00</b>	<b>7.1</b>	<b>32.7</b>	<b>2,322</b>

### KENTUCKY PEACHES UTILIZED PRODUCTION AND VALUE 1994 - 2003

YEAR	FRESH UTILIZATION		PROCESSED UTILIZATION		TOTAL UTILIZATION		
	Quantity	Price Per Pound	Quantity	Price Per Ton	Quantity	Price Per Pound	Value of Production
	(Mil Lbs.)	(Cents)	(Mil Lbs.)	(Dollars)	(Mil Lbs.)	(Cents)	(\$1,000 )
1994	1/	1/	-	-	1/	1/	1/
1995	3.9	32.2	-	-	3.9	32.2	1,256
1996	0.4	62.3	-	-	0.4	62.3	249
1997	0.5	30.0	-	-	0.5	30.0	150
1998	1.5	37.5	-	-	1.5	37.5	563
1999	1.7	43.0	-	-	1.7	43.0	731
2000	1.1	34.6	-	-	1.1	34.6	381
2001	1.8	48.7	-	-	1.8	48.7	877
2002	1.2	54.5	-	-	1.2	54.5	654
<b>2003</b>	<b>1.8</b>	<b>55.7</b>	<b>-</b>	<b>-</b>	<b>1.8</b>	<b>55.7</b>	<b>1,003</b>

1/No significant commercial production due to freeze.

# JANUARY 1, 2004 STATE RANKINGS FOR LIVESTOCK

Rank	ALL CATTLE		BEEF COWS <u>1/</u>		MILK COWS <u>1/</u>	
	State	1,000 Head	State	1,000 Head	State	1,000 Head
1.	Texas	13,900	Texas	5,483	California	1,700
2.	Kansas	6,650	Missouri	2,125	Wisconsin	1,245
3.	Nebraska	6,250	Oklahoma	1,970	New York	658
4.	California	5,200	Nebraska	1,848	Pennsylvania	564
5.	Oklahoma	5,100	South Dakota	1,711	Minnesota	465
6.	Missouri	4,350	Kansas	1,550	Idaho	412
7.	South Dakota	3,650	Montana	1,472	New Mexico	325
8.	Iowa	3,450	<b>KENTUCKY</b>	<b>1,128</b>	Texas	317
9.	Wisconsin	3,350	Tennessee	1,103	Michigan	300
10.	Colorado	2,400	Iowa	984	Ohio	258
11.	Minnesota	2,400	Arkansas	982	Washington	240
12.	Montana	2,400	Florida	950	Iowa	196
13.	<b>KENTUCKY</b>	<b>2,320</b>	North Dakota	937	Arizona	155
14.	Tennessee	2,210	Wyoming	756	Vermont	146
15.	Idaho	2,010	Alabama	732	Indiana	143
16.	Arkansas	1,900	California	720	Florida	140
17.	North Dakota	1,750	Virginia	695	Missouri	125
18.	Florida	1,740	Georgia	616	Oregon	117
19.	Pennsylvania	1,640	Colorado	612	<b>KENTUCKY</b>	<b>112</b>
20.	Virginia	1,540	Oregon	603	Kansas	110
21.	New Mexico	1,510	Mississippi	541	Illinois	108
22.	Oregon	1,440	Louisiana	489	Virginia	105
23.	New York	1,420	Idaho	488	Colorado	98
24.	Wyoming	1,400	New Mexico	455	Utah	89
25.	Alabama	1,360	Illinois	432	Georgia	84
26.	Illinois	1,310	North Carolina	402	Oklahoma	80
27.	Georgia	1,250	Minnesota	395	South Dakota	79
28.	Ohio	1,230	Utah	351	Maryland	77
29.	Washington	1,120	Washington	270	Tennessee	77
30.	Michigan	1,030	Ohio	262	Nebraska	62
31.	Mississippi	1,020	Wisconsin	245	North Carolina	58
32.	North Carolina	880	Nevada	244	Louisiana	41
33.	Utah	860	Indiana	227	Maine	34
34.	Arizona	850	South Carolina	218	North Dakota	33
35.	Louisiana	850	West Virginia	186	Mississippi	29
36.	Indiana	830	Arizona	175	Arkansas	28
37.	Nevada	510	Pennsylvania	156	Nevada	26
38.	South Carolina	425	Michigan	85	Connecticut	21
39.	West Virginia	380	Hawaii	82	Alabama	18
40.	Vermont	285	New York	82	Massachusetts	18
41.	Maryland	235	Maryland	42	Montana	18
42.	Hawaii	156	Maine	11	South Carolina	17
43.	Maine	91	New Jersey	10	New Hampshire	16
44.	Connecticut	54	Vermont	9	West Virginia	14
45.	Massachusetts	48	Connecticut	6	New Jersey	12
46.	New Jersey	46	Massachusetts	6	Delaware	8
47.	New Hampshire	39	Alaska	5.1	Hawaii	6
48.	Delaware	25	Delaware	4	Wyoming	4
49.	Alaska	12.5	New Hampshire	3.5	Rhode Island	1.3
50.	Rhode Island	5.5	Rhode Island	1.7	Alaska	1.2
<b>UNITED STATES <u>2/</u></b>		<b>94,882.0</b>	<b>32,860.3</b>		<b>8,990.5</b>	

1/Includes cows and heifers that have calved. 2/Totals may not add due to rounding.

## 2003 LIVESTOCK HIGHLIGHTS

### CATTLE AND CALVES

Kentucky's **All Cattle and Calf** inventory totaled 2.32 million head on January 1, 2004. This was down 3 percent from the January 1, 2003 estimate of 2.40 million head. Beef cow inventory totaled 1.13 million head, up 2 percent from January 1, 2003. Milk cow numbers were a record low 112,000 head on January 1, 2004, down 8,000 head from 2003. Bulls over 500 pounds, were unchanged from January 2003. Heifers over 500 pounds for milk cow replacement and calves under 500 pounds decreased from January 2003. The 2003 calf crop totaled 1.11 million head, up 1 percent from 2002.

The all cattle and calves total value as of January 1, 2004 was \$1.65 billion, up 9 percent from 2003. Average value per head was \$710, compared with \$630 on January 1, 2003. Cash receipts from marketings totaled \$543.9 million during 2003, up 32 percent from 2002. Marketings for 2003 were 19 percent above 2002 and prices also increased. Cattle prices averaged \$72.30 per hundredweight during 2003 compared with \$64.90 during 2002. Calves averaged \$92.00 per hundredweight compared with \$84.90 during 2002.

### HOGS AND PIGS

The December 1, 2003 **Hog and Pig** inventory totaled 380,000 head. Hog inventory rebounded from a record low in 2002 as inventory increased 20,000 head. This was a 6 percent increase from 2002. Hogs for breeding totaled 45,000 on December 1, 2003, up 13 percent from 2002. December 2003 market hogs, at 335,000 head, were 5 percent above the 2002 level.

The 2003 pig crop totaled 635,000 compared with 763,000 during 2002. Pigs saved per litter

averaged 8.58, compared with the 2002 average of 8.57. Producers farrowed 74,000 sows during 2003 compared with 89,000 during 2002.

Kentucky's hog and pig inventory was valued at \$20.5 million on December 1, 2003, up 6 percent from the previous year. Cash receipts from marketings decreased 8 percent from 2002 to \$66.7 million. Marketings decreased from 2002, while the average price during 2003 was \$36.40 per hundredweight, compared with \$31.00 recorded in 2002.

### ALL POULTRY

**All Poultry** includes broilers, eggs and other poultry. Cash receipts from all poultry totaled \$613.2 million, the second highest for the State. Only horses and stud fees generated more cash receipts.

**Broiler** production for 2003 totaled 1.49 billion pounds from 275.9 million birds. Value of production was \$506.6 million. Compared with 2002, broiler production increased 6 percent and cash receipts increased 20 percent. Average value

per pound was 34 cents during 2003 compared with 30 cents during 2002.

The December 1, 2003 inventory of **All Other Chickens** (excluding broilers) totaled 7.16 million birds, up 16 percent from the previous December. Laying flocks produced 1.12 billion eggs during 2003, a 19 percent increase from 2002. Cash receipts from eggs totaled \$83.1 million for 2003, 27 percent above 2002. Eggs averaged 88.9 cents per dozen in 2003 compared with 83.7 cents during 2002.

**EGG PRODUCTION AND VALUE 1960 - 2003 <sup>1/</sup>**

Year	Average Number of Layers (1,000 Head)	Eggs Per Layer <sup>2/</sup>	Number Produced (Million)	Price Per Dozen (Cents)	Value of Production (\$1,000)
1960	4,832	178	862	32.2	23,130
1965	3,313	199	658	31.8	17,437
1970	2,744	208	572	37.9	18,065
1975	2,254	230	518	49.1	21,195
1980	2,323	231	536	51.6	23,048
1985	1,797	240	431	51.7	18,569
1990	1,648	250	412	67.7	23,244
1991	1,996	254	507	73.5	31,054
1992	2,248	262	588	61.7	30,233
1993	2,398	262	629	68.0	35,643
1994	2,635	258	680	63.7	36,097
1995	2,677	254	679	65.4	37,006
1996	2,702	246	664	79.2	43,824
1997	2,847	249	710	74.4	44,020
1998 <sup>3/</sup>	3,516	245	863	72.5	52,140
1999	3,795	243	922	78.5	60,314
2000	3,769	249	940	90.4	70,813
2001	3,798	246	933	93.5	72,696
2002 <sup>3/</sup>	4,019	234	940	83.7	65,565
<b>2003</b>	<b>4,659</b>	<b>241</b>	<b>1,122</b>	<b>88.9</b>	<b>83,122</b>

<sup>1/</sup>Annual estimates beginning in 1970 cover the period Dec. 1 previous year through Nov. 30. <sup>2/</sup>Total egg production divided by average number of layers. <sup>3/</sup>Revised.

**BROILERS PRODUCTION AND VALUE 1960 - 2003 <sup>1/ 2/</sup>**

Year	Number Produced (1,000)	Pounds Produced	Price Per Pound <sup>3/</sup> (Cents)	Value of Production <sup>4/</sup> (\$1,000)
1960	16,520	54,516	16.3	8,886
1965	10,737	37,580	14.7	5,524
1970	7,334	26,402	14.0	3,696
1975	5,870	26,415	25.2	6,657
1980	3,195	11,183	27.0	3,019
1985	3,176	14,610	28.0	4,091
1990	1,520	6,232	30.0	1,870
1991	22,200	88,800	28.0	24,864
1992	43,300	173,200	28.0	48,496
1993	43,500	174,000	30.0	52,200
1994	56,500	237,300	30.0	71,190
1995	64,500	258,000	32.0	82,560
1996	77,000	331,100	37.0	122,507
1997	110,600	497,700	37.0	184,149
1998	172,000	842,800	39.5	332,906
1999	188,800	981,800	37.0	363,266
2000	230,000	1,150,000	33.0	379,500
2001	253,400	1,292,300	39.0	503,997
2002	269,900	1,403,500	30.0	421,050
<b>2003</b>	<b>275,900</b>	<b>1,489,900</b>	<b>34.0</b>	<b>506,566</b>

<sup>1/</sup>Annual estimates cover the period Dec. 1 previous year through Nov. 30. <sup>2/</sup>Broiler production including other meat-type breeds. <sup>3/</sup>Live weight equivalent price. <sup>4/</sup>Gross income including home consumption.

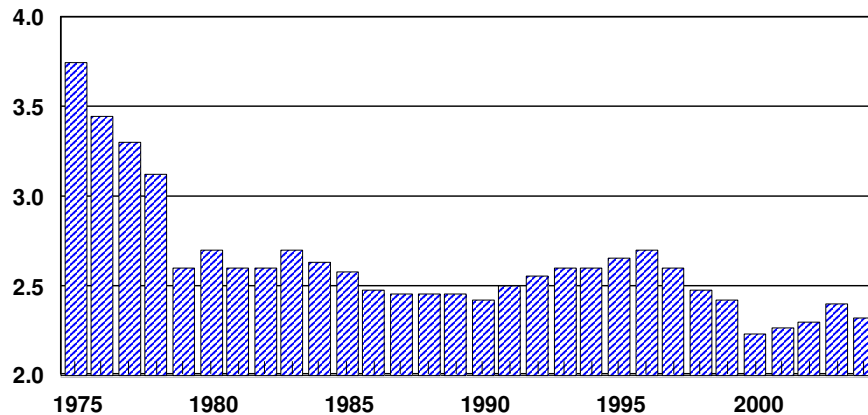
### CATTLE INVENTORY, KENTUCKY, JANUARY 1, 1998-2004 <sup>1/</sup>

ITEM	1998	1999	2000	2001	2002 <sup>2/</sup>	2003 <sup>2/</sup>	2004
	1,000 HEAD						
ALL CATTLE	2,480	2,420	2,230	2,260	2,300	2,400	2,320
COWS & HEIFERS THAT HAVE CALVED	1,310	1,240	1,180	1,190	1,200	1,230	1,240
BEEF	1,165	1,105	1,050	1,060	1,075	1,110	1,128
MILK	145	135	130	130	125	120	112
HEIFERS 500 LBS. & OVER	310	310	270	300	310	345	310
BEEF REPLACEMENT	160	150	145	160	170	175	160
MILK REPLACEMENT	55	55	45	40	40	45	40
OTHER	95	105	80	100	100	125	110
STEERS 500 LBS. & OVER	195	225	180	200	215	215	190
BULLS 500 LBS. & OVER	75	75	70	70	75	80	80
CALVES UNDER 500 LBS.	590	570	530	500	500	530	500
TOTAL CATTLE ON FEED	20	15	15	20	15	10	10
CALVES BORN DURING YEAR	1,160	1,120	1,090	1,080	1,100	1,110	--

<sup>1/</sup>TOTALS MAY NOT ADD DUE TO ROUNDING. <sup>2/</sup>REVISED.

### CATTLE INVENTORY KENTUCKY, JANUARY 1, 1975-2004

MIL. HEAD



### CATTLE AND CALVES, PRODUCTION, DISPOSITION, AND INCOME, KENTUCKY, 1998-2003

YEAR	NUMBER ON HAND BEGINNING OF YEAR	CALF CROP	INSHIPMENTS 1/	MARKETINGS		FARM SLAUGHTER	DEATHS		NUMBER ON HAND END OF YEAR
				CATTLE	CALVES		CATTLE	CALVES	
	1,000 HEAD								
1998	2,480	1,160	390	945	545	7	38	75	2,420
1999	2,420	1,120	170	805	550	7	43	75	2,230
2000	2,230	1,090	160	595	509	6	38	72	2,260
2001	2,260	1,080	100	550	473	6	36	75	2,300
2002 2/	2,300	1,110	72	505	441	6	42	78	2,400
2003	2,400	1,110	65	590	531	6	40	88	2,320

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			CATTLE	CALVES			
	1,000 POUNDS		DOLLARS			1,000 DOLLARS	
1998	743,257	981,440	59.00	74.90	613,584	9,861	623,445
1999	642,575	857,480	59.30	80.20	555,444	10,593	566,037
2000	630,356	682,130	71.90	96.10	540,855	9,575	550,430
2001	622,480	630,920	71.70	96.20	499,782	9,793	509,575
2002 <u>2/</u>	622,499	581,350	64.90	84.90	413,376	8,638	422,014
2003	618,973	691,590	72.30	92.00	543,872	10,462	554,334

<sup>1/</sup>LIVESTOCK SHIPPED INTO STATE FOR FEEDING OR BREEDING. EXCLUDES ANIMALS BROUGHT IN FOR IMMEDIATE SLAUGHTER. <sup>2/</sup>REVISED.

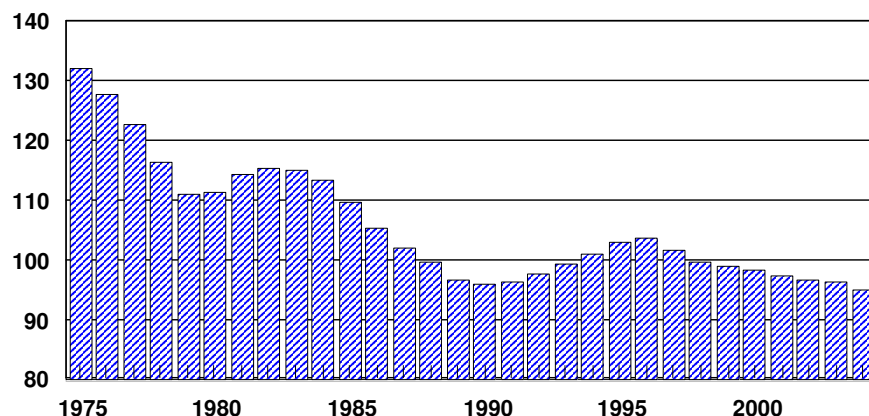
### CATTLE INVENTORY, UNITED STATES, JANUARY 1, 1998-2004 <sup>1/</sup>

ITEM	1998	1999 <sup>2/</sup>	2000 <sup>2/</sup>	2001 <sup>2/</sup>	2002 <sup>2/</sup>	2003 <sup>2/</sup>	2004
	1,000 HEAD						
ALL CATTLE	99,744	99,115	98,199	97,298	96,723	96,100	94,882
COWS & HEIFERS THAT HAVE CALVED	43,084	42,878	42,758	42,570	42,239	42,125	41,851
BEEF	33,885	33,750	33,575	33,398	33,134	32,983	32,860
MILK	9,199	9,128	9,183	9,172	9,106	9,142	8,991
HEIFERS 500 LBS. & OVER	19,800	19,774	19,650	19,776	19,683	19,628	19,341
BEEF REPLACEMENT	5,764	5,535	5,503	5,588	5,571	5,624	5,517
MILK REPLACEMENT	3,986	4,069	4,000	4,057	4,055	4,114	4,020
OTHER	10,051	10,170	10,147	10,131	10,057	9,891	9,804
STEERS 500 LBS. & OVER	17,189	16,891	16,682	16,461	16,804	16,554	16,280
BULLS 500 LBS. & OVER	2,270	2,281	2,293	2,274	2,244	2,248	2,206
CALVES UNDER 500 LBS.	17,401	17,290	16,816	16,216	15,753	15,545	15,204
TOTAL CATTLE ON FEED	13,608	13,284	14,073	14,276	14,050	13,220	13,811
CALVES BORN DURING YEAR	38,812	38,796	38,631	38,300	38,224	37,903	--

<sup>1/</sup>TOTALS MAY NOT ADD DUE TO ROUNDING. <sup>2/</sup>REVISED.

### CATTLE INVENTORY, UNITED STATES, JANUARY 1, 1975-2004

MIL. HEAD



### CATTLE AND CALVES, PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1998-2003 <sup>1/</sup>

YEAR	NUMBER ON HAND BEGINNING OF YEAR	CALF CROP	INSHIPMENTS 2/	MARKETINGS		FARM SLAUGHTER	DEATHS		NUMBER ON HAND END OF YEAR
				CATTLE	CALVES		CATTLE	CALVES	
	1,000 HEAD								
1998	99,744	38,812	21,928	47,440	9,506	214	1,668	2,541	99,115
1999	99,115	38,796	22,836	48,683	9,540	213	1,658	2,455	98,199
2000	98,199	38,631	23,448	48,986	9,693	203	1,711	2,387	97,298
2001	97,298	38,300	21,813	47,102	9,183	194	1,722	2,487	96,723
2002	96,723	38,224	21,522	46,804	9,296	193	1,710	2,366	96,100
2003	96,100	37,903	22,384	47,683	9,595	191	1,710	2,326	94,882

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.		CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
			CATTLE	CALVES			
	1,000 POUNDS		DOLLARS			1,000 DOLLARS	
1998	41,698,894	55,326,431	59.60	78.80	33,442,843	304,406	33,747,249
1999	42,578,262	56,842,215	63.40	87.70	36,568,554	330,862	36,899,416
2000	43,040,893	57,550,019	68.60	104.00	40,783,472	366,744	41,150,216
2001	42,581,294	55,527,524	71.30	106.00	40,540,645	362,317	40,902,962
2002	42,409,258	56,141,324	66.50	96.40	38,095,116	333,768	38,428,884
2003	42,243,717	56,765,518	79.70	102.00	45,094,883	370,533	45,465,416

<sup>1/</sup>REVISED. <sup>2/</sup>LIVESTOCK SHIPPED INTO STATES FOR FEEDING OR BREEDING. EXCLUDES ANIMALS BROUGHT IN FOR IMMEDIATE SLAUGHTER.

# ALL CATTLE AND CALVES COUNTY ESTIMATES JANUARY 1, 2003 - 2004

District and County	January 1 2003 <u>1/</u>	January 1 2004	District and County	January 1 2003 <u>1/</u>	January 1 2004
	(Number)			(Number)	
Ballard	9,700	9,500	Anderson	15,900	15,600
Calloway	13,600	13,000	Bath	24,400	24,000
Carlisle	5,800	5,500	Bourbon	58,000	55,000
Fulton	1,700	1,700	Boyle	37,000	35,000
Graves	17,600	17,000	Clark	48,200	48,000
Hickman	3,700	3,900	Fayette	15,000	15,000
Livingston	16,800	16,000	Fleming	49,000	47,000
Lyon	6,000	6,500	Franklin	14,400	14,300
McCracken	3,200	3,400	Garrard	37,700	36,000
Marshall	12,800	11,500	Harrison	33,100	33,000
Trigg	16,100	17,000	Jessamine	19,000	19,000
<b>DISTRICT 1</b>	107,000	105,000	Lincoln	54,500	50,000
Caldwell	15,400	15,000	Madison	63,500	60,000
Christian	37,000	36,000	Mason	26,800	26,000
Crittenden	19,700	18,500	Mercer	38,200	38,000
Daviess	19,800	20,000	Montgomery	27,700	29,000
Hancock	8,600	8,500	Nicholas	22,700	22,000
Henderson	10,400	10,500	Robertson	4,100	4,000
Hopkins	12,900	12,000	Scott	30,000	29,500
Logan	37,600	39,000	Shelby	36,300	36,000
McLean	6,500	6,000	Spencer	13,400	13,600
Muhlenberg	15,400	13,500	Washington	38,000	37,000
Ohio	19,800	18,000	Woodford	23,100	22,000
Simpson	15,200	14,500	<b>DISTRICT 5</b>	730,000	709,000
Todd	24,100	22,000	Bell	700	700
Union	13,600	14,000	Boyd	3,500	3,500
Webster	11,000	10,500	Breathitt	1,300	1,100
<b>DISTRICT 2</b>	267,000	258,000	Carter	11,000	10,300
Adair	48,000	47,000	Clay	3,300	3,000
Allen	63,000	61,000	Elliott	5,800	5,400
Barren	84,500	83,000	Estill	8,000	7,000
Breckinridge	43,500	42,000	Greenup	8,700	7,600
Bullitt	8,300	8,000	Jackson	10,600	10,200
Butler	19,500	18,500	Johnson	1,300	1,100
Casey	42,000	39,000	Knox	3,900	4,200
Clinton	17,400	17,500	Laurel	22,700	23,000
Cumberland	10,700	11,500	Lawrence	3,500	3,000
Edmonson	19,800	18,500	Lee	2,000	2,100
Grayson	39,300	39,000	Lewis	13,800	13,000
Green	35,800	35,000	McCreary	2,200	2,000
Hardin	42,900	40,000	Magoffin	1,900	1,700
Hart	48,700	46,000	Martin	600	500
Jefferson	4,000	4,000	Menifee	3,800	3,800
Larue	28,200	27,000	Morgan	9,100	8,500
Marion	44,300	44,000	Owsley	1,400	1,600
Meade	21,300	21,000	Perry	800	700
Metcalfe	37,800	35,000	Pike	500	500
Monroe	52,000	51,000	Powell	2,300	2,200
Nelson	43,100	42,000	Pulaski	65,300	64,000
Russell	35,900	34,000	Rockcastle	18,600	17,000
Taylor	31,000	30,000	Rowan	5,300	5,200
Warren	68,000	66,000	Wayne	26,000	25,000
<b>DISTRICT 3</b>	889,000	860,000	Whitley	9,700	9,000
Boone	9,700	9,000	Wolfe	3,200	3,000
Bracken	13,800	13,000	Other Counties <u>2/</u>	1,200	1,100
Campbell	8,800	8,000	<b>DISTRICT 6</b>	252,000	241,000
Carroll	8,100	7,500	<b>KENTUCKY</b>	2,400,000	2,320,000
Gallatin	4,200	4,000			
Grant	15,400	14,000			
Henry	30,200	30,000			
Kenton	7,200	6,500			
Oldham	7,600	7,500			
Owen	25,300	24,000			
Pendleton	16,000	15,000			
Trimble	8,700	8,500			
<b>DISTRICT 4</b>	155,000	147,000			

## TOP FIVE COUNTIES

(Head)	
Barren	83,000
Warren	66,000
Pulaski	64,000
Allen	61,000
Madison	60,000

1/Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. 2/Less than 500 head included in "Other Counties".

# BEEF COWS COUNTY ESTIMATES

## JANUARY 1, 2003 - 2004

District and County	January 1 2003 <sup>1/</sup>	January 1 2004	District and County	January 1 2003 <sup>1/</sup>	January 1 2004
	(Number)			(Number)	
Ballard	5,300	5,300	Anderson	7,900	8,000
Calloway	6,200	6,200	Bath	12,000	13,000
Carlisle	2,800	2,900	Bourbon	23,000	24,000
Fulton	1,000	1,000	Boyle	12,300	12,000
Graves	7,600	7,800	Clark	17,500	20,000
Hickman	1,800	2,000	Fayette	7,500	8,500
Livingston	9,500	9,600	Fleming	17,500	17,500
Lyon	3,700	4,000	Franklin	7,600	7,500
McCracken	1,700	1,800	Garrard	15,000	15,000
Marshall	6,300	6,000	Harrison	17,800	18,000
Trigg	8,600	9,400	Jessamine	9,000	10,200
<b>DISTRICT 1</b>	<b>54,500</b>	<b>56,000</b>	Lincoln	21,700	21,300
Caldwell	8,400	8,400	Madison	25,000	25,500
Christian	14,700	15,000	Mason	11,700	12,000
Crittenden	10,300	10,100	Mercer	15,200	15,000
Daviess	9,800	9,400	Montgomery	14,000	16,000
Hancock	4,400	4,300	Nicholas	12,100	12,000
Henderson	5,400	5,600	Robertson	2,300	2,500
Hopkins	7,300	7,100	Scott	14,000	13,500
Logan	18,700	19,000	Shelby	15,000	15,000
McLean	3,200	3,300	Spencer	7,200	7,500
Muhlenberg	8,300	8,000	Washington	18,500	19,000
Ohio	11,000	11,000	Woodford	9,700	10,000
Simpson	7,400	7,600	<b>DISTRICT 5</b>	<b>313,500</b>	<b>323,000</b>
Todd	8,500	8,800	Boyd	1,800	1,900
Union	7,300	8,100	Breathitt	500	500
Webster	5,300	5,300	Carter	5,600	5,600
<b>DISTRICT 2</b>	<b>130,000</b>	<b>131,000</b>	Clay	1,600	1,600
Adair	20,600	21,000	Elliott	3,200	2,900
Allen	23,000	23,000	Estill	4,500	4,100
Barren	35,000	36,000	Greenup	4,700	4,900
Breckinridge	23,200	23,500	Jackson	5,300	5,300
Bullitt	4,000	4,200	Johnson	700	700
Butler	10,500	10,500	Knox	2,400	2,700
Casey	20,400	20,000	Laurel	11,400	11,500
Clinton	9,500	10,200	Lawrence	1,900	1,800
Cumberland	6,400	7,000	Lee	1,200	1,300
Edmonson	9,300	9,800	Lewis	7,200	7,000
Grayson	20,800	21,000	McCreary	1,000	1,000
Green	18,700	19,000	Magoffin	900	900
Hardin	21,400	21,000	Menifee	2,000	2,000
Hart	22,400	22,000	Morgan	4,200	4,500
Jefferson	2,500	2,500	Owsley	800	900
Larue	13,800	14,000	Powell	1,400	1,300
Marion	19,500	20,000	Pulaski	31,700	31,600
Meade	12,200	12,300	Rockcastle	9,700	9,000
Metcalfe	13,500	13,500	Rowan	2,900	3,000
Monroe	23,000	23,000	Wayne	12,200	12,500
Nelson	17,000	17,000	Whitley	5,200	5,300
Russell	13,300	13,000	Wolfe	1,300	1,400
Taylor	14,300	14,500	Other Counties <sup>2/</sup>	1,700	1,800
Warren	31,700	32,000	<b>DISTRICT 6</b>	<b>127,000</b>	<b>127,000</b>
<b>DISTRICT 3</b>	<b>406,000</b>	<b>410,000</b>	<b>KENTUCKY</b>	<b>1,110,000</b>	<b>1,128,000</b>
Boone	5,100	5,800			
Bracken	6,800	6,900			
Campbell	4,300	4,200			
Carroll	4,700	4,900			
Gallatin	2,300	2,400			
Grant	8,900	8,900			
Henry	14,400	14,700			
Kenton	3,600	3,400			
Oldham	3,600	4,000			
Owen	11,300	11,500			
Pendleton	9,300	9,200			
Trimble	4,700	5,100			
<b>DISTRICT 4</b>	<b>79,000</b>	<b>81,000</b>			

### TOP FIVE COUNTIES

(Head)

Barren	36,000
Warren	32,000
Pulaski	31,600
Madison	25,500
Bourbon	24,000

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Less than 500 head included in "Other Counties".



## HOGS AND PIGS DISTRICT ESTIMATES DECEMBER 1, 2002 - 2003

District	December 1 2002 <u>1/</u>	December 1 2003
	(Number)	
DISTRICT 1	51,000	57,000
DISTRICT 2	142,000	145,000
DISTRICT 3	135,000	145,000
DISTRICT 4	4,000	4,000
DISTRICT 5	21,000	21,500
DISTRICT 6	7,000	7,500
KENTUCKY	360,000	380,000

1/Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture.

## HOGS AND PIGS INVENTORY NUMBERS BY CLASS, DECEMBER 1, 1960 - 2003

Year	Total	Breeding	Market
	(Head)		
1960	1,400,000	NA	NA
1965	1,176,000	171,000	1,005,000
1970	1,680,000	252,000	1,428,000
1975	1,000,000	168,000	832,000
1980	1,220,000	183,000	1,037,000
1985	800,000	124,000	676,000
1990	920,000	130,000	790,000
1991	950,000	135,000	815,000
1992	870,000	120,000	750,000
1993	850,000	120,000	730,000
1994	780,000	100,000	680,000
1995	800,000	110,000	690,000
1996	600,000	85,000	515,000
1997	570,000	70,000	500,000
1998	520,000	65,000	455,000
1999	460,000	55,000	405,000
2000	430,000	50,000	380,000
2001	405,000	50,000	355,000
2002 <u>1/</u>	360,000	40,000	320,000
<b>2003</b>	<b>380,000</b>	<b>45,000</b>	<b>335,000</b>

NA - Not Available. 1/Revised.

### HOGS AND PIGS, PRODUCTION, DISPOSITION, AND INCOME, KENTUCKY, 1998-2003

YEAR	NUMBER ON HAND DECEMBER 1 <sup>1/</sup>	PIG CROP	INSHIPMENTS <sup>2/</sup>	MARKETINGS	FARM SLAUGHTER	DEATHS	NUMBER ON HAND DECEMBER 1
				1,000 HEAD			
1998	570	1,011	100	1,101	10	50	520
1999	520	1,007	117	1,114	8	62	460
2000	460	775	135	884	6	50	430
2001	430	797	117	885	5	49	405
2002 <sup>3/</sup>	405	763	135	906	5	32	360
2003	360	644	115	706	4	29	380

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.	CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
	1,000 POUNDS		DOLLARS		1,000 DOLLARS	
1998	243,426	249,311	35.20	89,304	2,758	92,062
1999	255,533	263,573	28.50	77,692	2,042	79,734
2000	207,960	213,655	40.20	89,614	1,938	91,552
2001 <sup>3/</sup>	205,545	213,607	42.00	94,321	1,861	96,182
2002 <sup>3/</sup>	203,855	220,966	31.00	72,847	1,229	74,076
2003	169,331	173,754	36.40	66,700	1,282	67,982

<sup>1/</sup> PRECEDING YEAR. <sup>2/</sup> LIVESTOCK SHIPPED INTO STATE FOR FEEDING OR BREEDING. EXCLUDES ANIMALS BROUGHT IN FOR IMMEDIATE SLAUGHTER. <sup>3/</sup> REVISED.

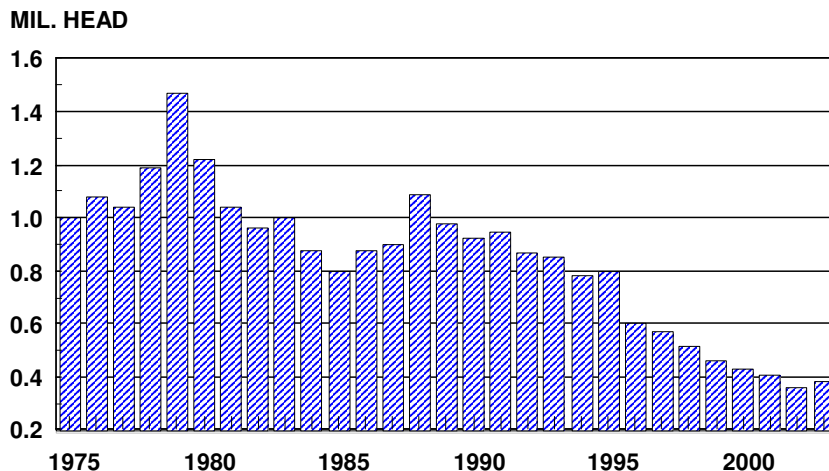
### HOGS AND PIGS, PRODUCTION, DISPOSITION, AND INCOME, UNITED STATES, 1998-2003 <sup>1/</sup>

YEAR	NUMBER ON HAND DECEMBER 1 <sup>2/</sup>	PIG CROP	INSHIPMENTS <sup>3/</sup>	MARKETINGS	FARM SLAUGHTER	DEATHS	NUMBER ON HAND DECEMBER 1
				1,000 HEAD			
1998	61,158	105,005	19,378	117,249	163	5,925	62,204
1999	62,204	102,352	22,634	121,138	141	6,575	59,335
2000	59,335	100,743	24,514	118,546	125	6,811	59,110
2001	59,110	100,617	26,745	119,272	119	7,360	59,722
2002	59,722	101,678	29,434	124,013	114	7,152	59,554
2003	59,554	101,254	31,465	124,106	114	7,665	60,389

YEAR	PRODUCTION	MARKETINGS	AVERAGE PRICE PER 100 LBS.	CASH RECEIPTS	VALUE OF HOME CONSUMPTION	GROSS INCOME
	1,000 POUNDS		DOLLARS		1,000 DOLLARS	
1998	25,821,285	26,581,957	34.40	9,485,547	34,374	9,519,921
1999	25,856,590	27,093,691	30.30	8,624,295	28,381	8,652,676
2000	25,696,997	26,670,415	42.30	11,757,943	34,720	11,792,663
2001	25,866,250	26,770,892	44.40	12,394,560	35,462	12,430,022
2002	26,274,153	27,309,263	33.40	9,602,109	25,525	9,627,634
2003	26,333,873	27,216,546	37.20	10,629,006	27,444	10,656,450

<sup>1/</sup> REVISED. <sup>2/</sup> PRECEDING YEAR. <sup>3/</sup> LIVESTOCK SHIPPED INTO STATES FOR FEEDING OR BREEDING, EXCLUDES ANIMALS BROUGHT IN FOR IMMEDIATE SLAUGHTER.

### HOG INVENTORY KENTUCKY, DECEMBER 1, 1975-2003



## KENTUCKY SHEEP & LAMBS, 1960 - 2004

Year	All <u>1</u> /	Total		Breeding One Year & Older		Replacement Lambs	Lamb Crop
		Breeding	Market	Ewes	Rams		
(1,000 Head)							
1960	566	—	—	420	—	—	481
1965	185	—	—	151	—	—	169
1970	100	—	—	84	—	—	89
1975	40	—	—	32	—	—	40
1980	21	—	—	17	—	—	23
1985	27	—	—	22	—	—	26
1990	38	—	—	28	—	—	31
1995 <u>2</u> /	27.0	22.5	4.5	16.5	1.5	4.5	19.0
1996	20.0	17.0	3.0	13.0	0.8	3.2	17.0
1997	22.0	17.7	4.3	15.0	1.0	1.7	18.0
1998 <u>3</u> /	24.0	19.0	5.0	15.0	1.0	3.0	17.0
1999 <u>3</u> /	22.0	17.0	5.0	13.0	1.0	3.0	16.0
2000 <u>3</u> /	21.0	17.0	4.0	13.0	1.0	3.0	17.0
2001 <u>3</u> /	23.0	19.0	4.0	14.0	2.0	3.0	17.0
2002 <u>3</u> /	25.0	20.0	5.0	15.0	2.0	3.0	20.0
2003 <u>3</u> /	28.0	23.0	5.0	17.5	2.0	3.5	21.0
<b>2004</b>	<b>26.0</b>	<b>22.0</b>	<b>4.0</b>	<b>16.0</b>	<b>2.0</b>	<b>4.0</b>	<b>--</b>

1/Number of head as of January 1. 2/Starting in 1995 includes New Crop lambs born Oct -Dec. 3/Revised.

-- Data Not Available.

## KENTUCKY LIVESTOCK AND POULTRY RECORD HIGHS AND LOWS

SPECIES OR COMMODITY	Year Series Began	RECORD HIGH		RECORD LOW	
		Year	Number (1,000 Head)	Year	Number (1,000 Head)
Cattle and Calf Inventory, Jan. 1	1867	1975	3,750	1869	762
Beef Cows	1920	1975	1,429	1930	45
Milk Cows	1867	1954	674	<b>2004</b>	<b>112</b>
Milk Production (Million Lbs.)	1924	1963	2,632	<b>2003</b>	<b>1,464</b>
Sheep and Lamb Inventory, Jan. 1	1867	1867	1,180	1996	20
Hog and Pig Inventory, Dec. 1 <u>1</u> /	1867	1872-73	2,190	2002	360
Chicken Inventory, Dec. 1 <u>2</u> /	1924	1944	14,321	1989	2,100
Egg Production (Million Eggs)	1925	1949	1,279	1989	407
Broilers Produced	1934	<b>2003</b>	<b>275,900</b>	1934	250

1/1867-1962 estimates January 1. 2/Excludes broilers.

## **2003 DAIRY HIGHLIGHTS**

### **MILK COWS AND MILK PRODUCTION**

The average number of milk cows on Kentucky farms continued to decline during 2003 and totaled 116,000 head, down 6,000 head from the 2002 average. This continues the steady decline in milk cow numbers that began in 1986.

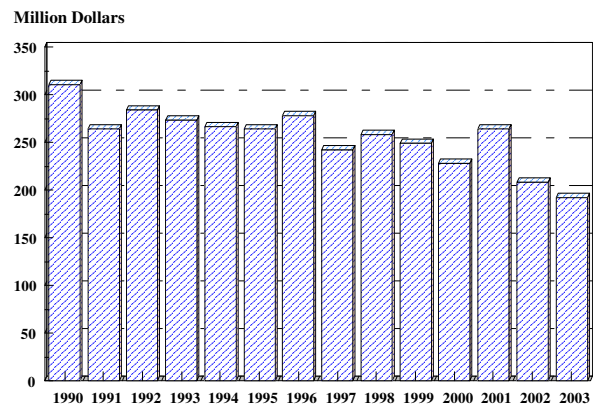
Total milk production in Kentucky was 1.46 billion pounds, down 9 percent from 2002. Average production per cow, at 12,621 pounds, was down from the 2002 average of 13,230. The number of farms with milk cows totaled 2,500, down from 2,600 in 2002.

### **MILK DISPOSITION AND INCOME**

Kentucky dairy producers sold 1.43 billion pounds of milk to plants and dealers during 2003 and used 31 million pounds on the farm. Farm use includes milk fed to calves and other livestock, and used for milk, cream and butter. Farm use of milk during 2003 was down 9 percent from 2002, and milk sold to plants and dealers decreased 9 percent from 2002.

The value of milk produced during 2003 came to \$196.2 million, down 8 percent from 2002. This includes the value of milk used on farms. The average price of all grades sold was \$13.40 per hundredweight, up from \$13.20 per hundredweight during 2002. Cash receipts from marketings totaled \$192.0 million, down 8 percent from the \$208.6 million reported in 2002.

#### **KENTUCKY CASH RECEIPTS FROM MILK MARKETED**



### **MANUFACTURED DAIRY PRODUCTS**

Kentucky plants produced 13.0 million pounds of cottage cheese curd in 2003, up 3 percent from 2002. Creamed cottage cheese production totaled 14.6 million pounds, down 5 percent from the previous year. Lowfat cottage

cheese production was 8.77 million pounds during 2003, up 16 percent from 2002. During 2003, 19 Kentucky plants produced one or more dairy products. Totals for most dairy products produced in Kentucky are not published to avoid disclosing individual plant production.

## MILK USED AND MARKETING BY KENTUCKY FARMERS, 1990 - 2003

YEAR	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETING BY FARMERS	MILK USED ON FARMS & <u>MARKETING</u> Total
	Fed to Calves <u>1/</u>	Used for Milk, Cream & Butter	Total	Sold to Plants & Dealers As Whole Milk	
(Million Pounds)					
1990	48	32	80	2,175	2,255
1991	46	34	80	2,110	2,190
1992	50	25	75	2,075	2,150
1993	50	25	75	2,045	2,120
1994	59 <u>2/</u>	25	84	1,923	2,007
1995	47	18	65	1,955	2,020
1996	35	13	48	1,812	1,860
1997	31	10	41	1,774	1,815
1998	29	10	39	1,671	1,710
1999	26	7	33	1,618	1,651
2000	28	7	35	1,660	1,695
2001	30	2	32	1,628	1,660
2002	32	2	34	1,580	1,614
<b>2003</b>	<b>29</b>	<b>2</b>	<b>31</b>	<b>1,433</b>	<b>1,464</b>

1/Excludes milk sucked by calves. 2/Includes milk dumped on farm.

## KENTUCKY MILK PRODUCTION, DISPOSITION AND CASH RECEIPTS, 2002 AND 2003

ITEM	2002	2003	% of 2003 Total	2003 as % of 2002
(Million Pounds)				
<u>MILK MARKETING BY FARMERS</u>				
Sold to Plants and Dealers	1,580	1,433	97.9	91
<u>MILK USED ON FARMS WHERE PRODUCED</u>				
Used for Milk, Cream and Butter	2	2	.1	100
Fed to Calves	32	29	2.0	91
<u>TOTAL MILK PRODUCTION</u>	1,614	1,464	100.0	91
(Thousand Dollars)				
<u>VALUE OF MILK PRODUCTION</u>				
Cash Receipts From Milk Marketing	208,560	192,022	97.9	92
Value of Home Consumption	264	268	.1	102
Value of Milk Fed to Calves	4,224	3,886	2.0	92
<u>TOTAL VALUE OF MILK PRODUCED <u>1/</u></u>	213,048	196,176	100.0	92

1/Includes value of milk used for home consumption and value of milk fed to calves.

## KENTUCKY COTTAGE CHEESE PRODUCTION 1999 - 2003 <sup>1/</sup>

PRODUCT	1999	2000	2001	2002	2003
(1,000 Lbs.)					
Cottage Cheese Curd	16,087	15,129	14,707	12,680	13,048
Creamed Cottage Cheese	19,103	17,682	17,227	15,380	14,589
Lowfat Cottage Cheese	8,996	9,132	9,451	7,582	8,776

<sup>1/</sup>Data on other types of dairy products not published to avoid disclosure of individual operations. They are included in U.S. totals below.

## U.S. PRODUCTION OF DAIRY PRODUCTS 2002 - 2003

PRODUCT	2002 <sup>1/</sup>	2003	2003 % of 2002	MAJOR PRODUCING STATES
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### CHEESE AND BUTTER PRODUCTION - (1,000 Lbs.)

American Cheddar	2,822,099	2,749,342	97	Wisconsin, Minnesota
Mozzarella	2,783,272	2,806,099	101	California, Wisconsin
Other Cheese <sup>2/</sup>	2,941,896	3,042,535	103	Wisconsin, California
Total Cheese <sup>3/</sup>	8,547,267	8,597,976	101	Wisconsin, California
Butter	1,355,147	1,242,358	92	California, Wisconsin

### COTTAGE CHEESE PRODUCTION - (1,000 Lbs.)

Curd <sup>4/</sup>	436,618	448,281	103	New York, California
Creamed <sup>5/</sup>	374,162	385,176	103	New York, Illinois
Lowfat <sup>6/</sup>	374,293	380,033	102	New York, California

### FROZEN PRODUCTS - (1,000 Gal.)

Ice Cream	1,004,992	1,015,049	101	California, Indiana
Ice Cream, Lowfat	338,538	352,934	104	Indiana, Texas
Milk Sherbet	56,998	56,188	99	California, Indiana

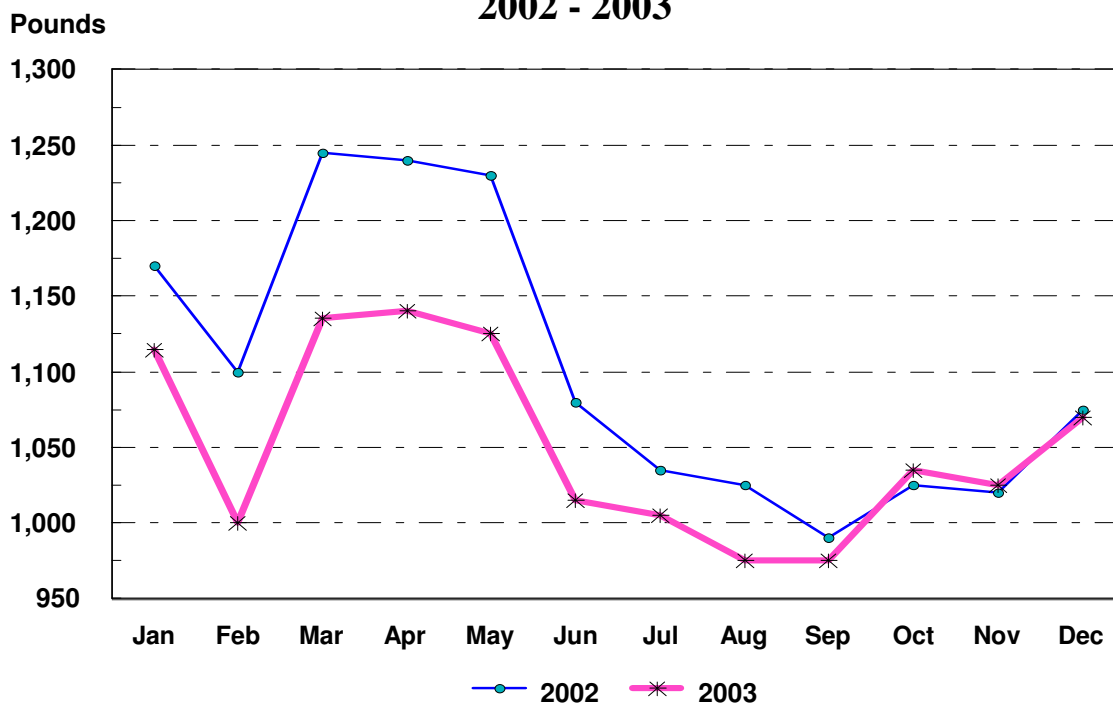
<sup>1/</sup>Revised. <sup>2/</sup>Includes Muenster, Brick, Limburger, Blue, Part Skim, Colby, Monterey, Jack, Swiss, Gorgonzola, Hispanic, Other Italian, Cream and Neufchatel. <sup>3/</sup>Excludes cottage cheese. <sup>4/</sup>Mostly used for processing into creamed or lowfat cottage cheese. <sup>5/</sup>Milkfat content 4.0 percent or more. <sup>6/</sup>Milkfat content less than 4.0 percent, mostly 0.5 to 2.0 percent milkfat.

## KENTUCKY MILK COWS AND MILK PRODUCTION 2002 - 2003

MONTH	Milk Cows on Farms <u>1/</u>		Milk Per Cow <u>2/</u>		Milk Production <u>2/</u>	
	2002	2003	2002	2003	2002	2003
	(1,000 Head)		(Pounds)		(Million Pounds)	
January	123	120	1,170	1,115	144	134
February	123	120	1,100	1,000	135	120
March	123	120	1,245	1,135	153	136
April	123	120	1,240	1,140	153	137
May	123	119	1,230	1,125	151	134
June	123	118	1,080	1,015	133	120
July	123	115	1,035	1,005	127	116
August	122	112	1,025	975	125	109
September	120	111	990	975	119	108
October	120	111	1,025	1,035	123	115
November	120	112	1,020	1,025	122	115
December	120	112	1,075	1,070	129	120
ANNUAL	122	116	13,230	12,621	1,614	1,464

1/Excludes heifers not yet fresh. 2/Excludes milk sucked by calves.

### Kentucky Monthly Milk Per Cow 2002 - 2003



## MILK COWS COUNTY ESTIMATES JANUARY 1, 2003 - 2004

District and County	January 1 2003 <u>1/</u>	January 1 2004	District and County	January 1 2003 <u>1/</u>	January 1 2004
	(Number)			(Number)	
Ballard	500	450	Anderson	900	900
Calloway	1,000	350	Bath	700	500
Carlisle	750	500	Boyle	400	350
Graves	900	1,000	Fleming	5,700	5,200
McCracken	350	<u>2/</u>	Garrard	1,100	1,100
Other Counties <u>2/</u>	500	500	Harrison	300	450
<b>DISTRICT 1</b>	4,000	2,800	Lincoln	4,300	4,700
Caldwell	500	500	Madison	400	<u>2/</u>
Christian	2,300	2,100	Mason	3,200	2,800
Daviess	700	550	Mercer	2,000	1,800
Logan	3,200	3,100	Montgomery	300	<u>2/</u>
Simpson	1,000	800	Shelby	3,000	3,200
Todd	3,100	2,400	Spencer	1,000	900
Other Counties <u>2/</u>	600	550	Washington	2,100	2,300
<b>DISTRICT 2</b>	11,400	10,000	Other Counties <u>2/</u>	1,300	1,600
Adair	8,000	7,900	<b>DISTRICT 5</b>	26,700	25,800
Allen	700	400	Jackson	700	600
Barren	8,800	9,900	Laurel	400	350
Breckinridge	300	<u>2/</u>	Lewis	850	800
Bullitt	500	450	Pulaski	4,000	3,500
Casey	2,000	2,200	Rockcastle	700	700
Clinton	800	900	Rowan	<u>2/</u>	350
Cumberland	500	500	Wayne	700	600
Edmonson	1,000	600	Other Counties <u>2/</u>	950	700
Grayson	2,100	2,000	<b>DISTRICT 6</b>	8,300	7,600
Green	3,000	3,300	<b>KENTUCKY</b>	120,000	112,000
Hardin	1,900	1,800			
Hart	3,700	3,200			
Larue	2,300	1,800			
Marion	4,300	3,900			
Meade	400	300			
Metcalfe	4,800	4,600			
Monroe	3,500	3,800			
Nelson	4,600	4,000			
Russell	3,500	3,000			
Taylor	3,100	2,600			
Warren	4,000	3,500			
Other Counties <u>2/</u>	200	450			
<b>DISTRICT 3</b>	64,000	61,100			
Bracken	1,000	800			
Henry	1,800	1,500			
Kenton	350	<u>2/</u>			
Oldham	550	450			
Owen	450	450			
Pendleton	300	<u>2/</u>			
Trimble	300	<u>2/</u>			
Other Counties <u>2/</u>	850	1,500			
<b>DISTRICT 4</b>	5,600	4,700			

### TOP FIVE COUNTIES

(Head)

Barren	9,900
Adair	7,900
Fleming	5,200
Lincoln	4,700
Metcalfe	4,600

1/Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. 2/Less than 300 head included in "Other Counties".



# MILK PRODUCTION COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Avg. Number Milk Cows On Farms	Annual Avg. Production Per Cow <sup>2/</sup>	Total Milk Production	District and County	Avg. Number Milk Cows On Farms	Annual Avg. Production Per Cow <sup>2/</sup>	Total Milk Production
		(Pounds)	(1,000 Pounds)			(Pounds)	(1,000 Pounds)
Ballard	500	13,200	6,600	Anderson	900	11,000	9,900
Calloway	1,000	9,500	9,500	Bath	700	9,000	6,300
Carlisle	750	9,867	7,400	Boyle	500	10,000	5,000
Graves	1,000	14,500	14,500	Fleming	5,700	13,509	77,000
McCracken	350	9,143	3,200	Garrard	1,100	14,636	16,100
Other Counties <sup>3/</sup>	500	10,200	5,100	Harrison	300	9,167	2,750
<b>DISTRICT 1</b>	4,100	11,293	46,300	Lincoln	4,400	13,773	60,600
Caldwell	500	18,800	9,400	Madison	450	9,111	4,100
Christian	2,400	21,000	50,400	Mason	3,200	11,313	36,200
Daviess	700	11,429	8,000	Mercer	2,000	11,600	23,200
Logan	3,200	16,094	51,500	Montgomery	300	11,667	3,500
Simpson	1,000	17,800	17,800	Shelby	3,000	13,433	40,300
Todd	3,200	16,531	52,900	Spencer	1,000	11,800	11,800
Other Counties <sup>3/</sup>	600	11,500	6,900	Washington	2,200	15,273	33,600
<b>DISTRICT 2</b>	11,600	16,974	196,900	Other Counties <sup>3/</sup>	1,350	11,741	15,850
Adair	8,000	12,938	103,500	<b>DISTRICT 5</b>	27,100	12,775	346,200
Allen	700	9,000	6,300	Jackson	700	10,714	7,500
Barren	8,800	14,716	129,500	Laurel	400	12,500	5,000
Breckinridge	350	9,000	3,150	Lewis	900	13,111	11,800
Bullitt	500	9,000	4,500	Pulaski	4,000	10,975	43,900
Casey	2,100	12,952	27,200	Rockcastle	700	11,714	8,200
Clinton	800	17,000	13,600	Wayne	800	9,000	7,200
Cumberland	500	12,400	6,200	Other Counties <sup>3/</sup>	1,000	10,900	10,900
Edmonson	1,000	9,400	9,400	<b>DISTRICT 6</b>	8,500	11,118	94,500
Grayson	2,500	14,920	37,300	<b>KENTUCKY</b>	122,000	13,230	1,614,000
Green	3,000	11,867	35,600				
Hardin	1,900	15,895	30,200				
Hart	3,700	13,919	51,500				
Larue	2,500	12,880	32,200				
Marion	4,400	13,705	60,300				
Meade	400	9,000	3,600				
Metcalfe	4,800	13,125	63,000				
Monroe	3,600	13,639	49,100				
Nelson	4,600	13,152	60,500				
Russell	3,500	12,029	42,100				
Taylor	3,100	12,581	39,000				
Warren	4,000	13,950	55,800				
Other Counties <sup>3/</sup>	250	11,800	2,950				
<b>DISTRICT 3</b>	65,000	13,331	866,500				
Bracken	1,000	12,900	12,900				
Henry	1,800	10,000	18,000				
Oldham	550	10,909	6,000				
Owen	450	9,067	4,080				
Pendleton	400	12,250	4,900				
Trimble	300	9,100	2,730				
Other Counties <sup>3/</sup>	1,200	12,492	14,990				
<b>DISTRICT 4</b>	5,700	11,158	63,600				

## TOP PRODUCING COUNTIES

(1,000 Lbs.)

Barren	129,500
Adair	103,500
Fleming	77,000
Metcalfe	63,000
Lincoln	60,600

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture. <sup>2/</sup>Total Milk Production divided by Average Number of Cows on Farms. <sup>3/</sup>Less than 300 head included in "Other Counties".

## MILK COWS, PRODUCTION AND INCOME BY STATES - 2003

State	Milk Cows <u>1/</u>	Average Milk Per Cow	Milk Production <u>2/</u>	Cash Receipts From Milk And Cream
	(1,000)	(Lbs.)	(Mil. Lbs.)	(\$1,000)
Alabama	18	14,000	252	35,250
Alaska	1.3	12,846	16.7	3,214
Arizona	155	22,284	3,454	412,920
Arkansas	29	12,138	352	45,752
California	1,688	20,993	35,437	4,028,520
Colorado	100	21,770	2,177	263,835
Connecticut	22	18,773	413	55,760
Delaware	8.3	16,386	136.0	17,942
Florida	142	15,218	2,161	329,822
Georgia	85	16,988	1,444	192,022
Hawaii	6.5	14,154	92.0	21,449
Idaho	404	21,718	8,774	1,004,985
Illinois	111	18,441	2,047	248,270
Indiana	149	19,758	2,944	376,680
Iowa	201	18,806	3,780	478,592
Kansas	111	19,054	2,115	252,480
<b>Kentucky</b>	<b>116</b>	<b>12,621</b>	<b>1,464</b>	<b>192,022</b>
Louisiana	43	12,070	519	66,040
Maine	35	17,829	624	87,898
Maryland	78	15,795	1,232	162,526
Massachusetts	19	17,474	332	43,296
Michigan	302	21,060	6,360	793,800
Minnesota	473	17,459	8,258	1,044,224
Mississippi	31	13,645	423	55,151
Missouri	129	14,620	1,886	234,360
Montana	18	19,222	346	42,160
Nebraska	64	17,641	1,129	145,210
Nevada	26	18,654	485	53,648
New Hampshire	16	19,063	305	41,072
New Jersey	13	16,615	216	27,264
New Mexico	317	21,028	6,666	790,080
New York	671	17,812	11,952	1,559,555
North Carolina	61	17,115	1,044	143,309
North Dakota	36	15,389	554	66,246
Ohio	260	17,269	4,490	584,260
Oklahoma	82	16,000	1,312	177,826
Oregon	119	18,294	2,177	270,125
Pennsylvania	575	17,979	10,338	1,445,780
Rhode Island	1.3	16,923	22.0	2,869
South Carolina	19	16,737	318	42,840
South Dakota	82	16,159	1,325	176,076
Tennessee	79	15,253	1,205	159,600
Texas	319	17,649	5,630	729,430
Utah	91	17,747	1,615	193,721
Vermont	149	17,698	2,637	340,730
Virginia	113	15,319	1,731	244,666
Washington	245	22,780	5,581	671,792
West Virginia	15	14,800	222	28,032
Wisconsin	1,256	17,728	22,266	2,838,258
Wyoming	3.8	14,211	54.0	6,336
UNITED STATES <u>3/</u>	9,084	18,749	170,312 <u>4/</u>	21,227,695

1/Average number on farms during year, excluding heifers not yet fresh. 2/Excludes milk sucked by calves.

3/Rounded sum of individual states. 4/May not sum due to rounding.

## **2003 FARM INCOME HIGHLIGHTS**

### **CASH RECEIPTS**

Farm product sales during 2003 totaled \$3.47 billion for Kentucky producers, up 10 percent from 2002. Crop sales totaled \$1.24 billion, up 4 percent from 2002. Livestock and livestock product sales generated \$2.23 billion, up 13 percent from the 2002 level. Sales of horses and stud fees were the leading source of cash receipts for Kentucky farmers during 2003 with \$800.0 million, followed by all poultry (broilers, eggs and other poultry) with \$613.2 million. Cattle and calves sales were third with \$543.9 million.

Sales of horses and stud fees were the largest source of livestock and livestock products cash receipts for Kentucky at \$800.0 million, 23 percent of total receipts. Horse sales for 2003 were 5 percent above 2002. All poultry receipts ranked second with \$613.2 million, 20 percent above 2002. Cattle and calves receipts came

in third and generated \$543.9 million, up 32 percent from 2002. Sales of dairy products and hogs decreased from 2002 levels. Receipts from dairy products ranked fourth at \$192.0 million, while hogs were fifth with \$66.7 million in cash receipts during 2003.

Soybean, wheat and hay cash receipts were above 2002 while tobacco and corn cash receipts were below 2002 levels. Tobacco receipts were down 3 percent from 2002 to \$431.2 million during 2003. Tobacco accounted for 12 percent of total receipts and remained the number one cash crop for Kentucky. Soybeans was the number two crop with \$305.6 million in cash receipts, 19 percent above 2002. Corn ranked third and generated \$259.4 million in sales during 2003, 8 percent below the \$280.9 million for 2002. Hay and wheat were fourth and fifth in crop cash receipts. Hay sales totaled \$74.0 million during 2003, while wheat sales were \$60.3 million.

### **PRICES RECEIVED BY KENTUCKY FARMERS**

Livestock average prices were above 2002 prices with the exception of milk cows. Milk prices were up from the previous year. Average prices received in 2003 were above the 2002 prices for all major crops except corn.

Cattle and calf prices were up during 2003. Steers and heifers weighing over 500 pounds averaged \$81.20 per hundred pounds, up \$7.40 from 2002. Beef cows averaged \$43.20 per hundred pounds in 2003, up \$6.20 from 2002's price of \$37.00 per hundred pounds. Calves under 500 pounds averaged \$92.00 per hundred pounds during 2003, up \$7.10 from 2002.

Hog prices increased from 2002's average price. Barrows and gilts averaged \$36.80 per hundred pounds during 2003, up \$5.40 from 2002. Sows averaged \$27.60 per hundred pounds, up \$5.30 from the previous year. All hogs averaged \$36.40 per hundred pounds, up \$5.40 from 2002's price of \$31.00 per hundred pounds.

The all milk price for 2003 averaged \$13.40 per hundred pounds, up 20 cents from 2002's price of \$13.20. Fluid grade milk price was the same as the all milk price for both years. Milk cow price at \$1,340.00 per head, was

down \$210.00 per head from 2002. The manufactured grade price was discontinued in April 2002.

The 2003 average price for broilers was 34.0 cents per pound, compared with 30.0 cents per pound in 2002. Egg price at 88.9 cents per dozen, was up 5.2 cents from the previous year.

The preliminary marketing year average price for corn was \$2.55 per bushel, compared with \$2.58 for 2002. Soybeans averaged \$7.60 per bushel, up \$1.86 from the previous year. The marketing year for corn and soybeans is September through August. Wheat prices averaged \$3.25 per bushel, up from 2002's price of \$3.01. The marketing year for wheat is July through June.

Burley tobacco averaged \$1.982 per pound during the 2003 marketing season, a record high price for burley tobacco. All four dark tobacco prices also established record high prices.

The all hay price averaged \$78.50 per ton during 2003. Alfalfa hay averaged \$110.00 per ton, up \$8.00 per ton from the 2002 average. All other hay averaged \$64.00 per ton, up \$5.00 per ton from the previous year.

## KENTUCKY CROP VALUES - 2003

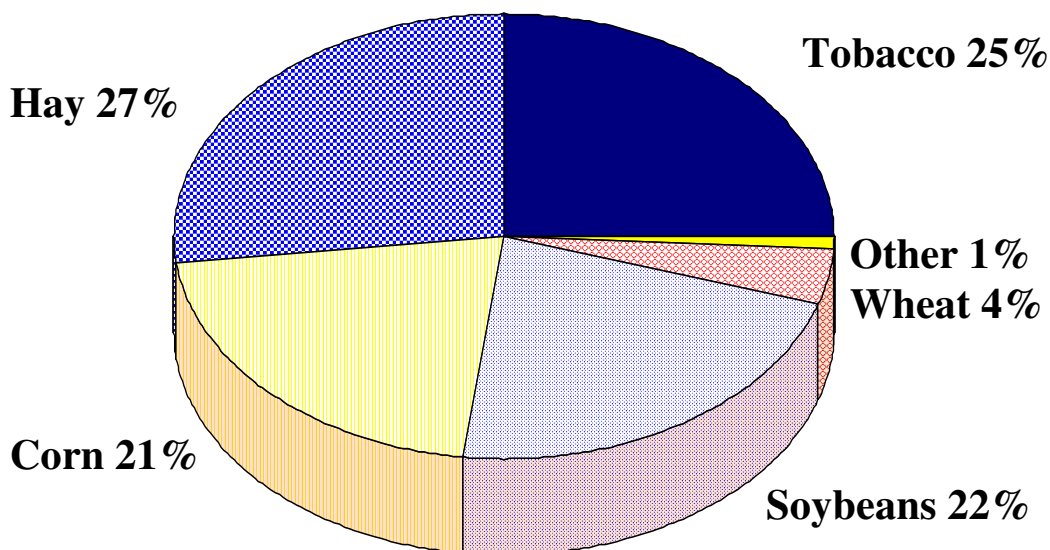
The value of crops produced by Kentucky farmers during 2003 was \$1.82 billion, up sharply from the 2002 level of \$1.39 billion. The value of all major crops increased from 2002's drought reduced production. Prices were higher in 2003 for all commodities except corn and sorghum, and production increased for all crops. Near record high production and sharply higher prices pushed the value of soybean production to a record \$405.2 million during 2003. Hay value of production increased 42 percent from 2002 as other hay production reached record levels in 2003. Corn for grain value of production climbed 31 percent from the previous year and wheat value of production rose 29 percent. Tobacco value of production inched up 2 percent from 2002.

The top five crops accounted for more than 99 percent of the value of all crops produced in Kentucky. All hay production was valued at \$500.4 million for 2003 and was the number one crop with 27 percent of the total value. Production of hay was a record high 6.38 million tons while the average price, at \$78.50 per ton, increased \$10.00 per ton

from 2002. Tobacco was second with \$456.1 million or 25 percent of total value. Average price and production showed slight increases from 2002. Soybeans ranked third with \$405.2 million, 22 percent of total value of production. Average price was the highest since 1988 and averaged \$7.60 per bushel. Production during 2003 was the largest since 1979 and totaled 53.3 million bushels. The value of corn for grain production during 2003 was \$377.3 million, 21 percent of the total. The average price was \$2.55 per bushel compared with \$2.58 during 2002. The wheat crop was valued at \$66.5 million, 4 percent of the total. Wheat prices climbed 24 cents to \$3.25 during 2003.

For the United States, corn for grain, soybeans, hay, wheat and cotton led the nation in value of production. All of these crops showed increases in value from the 2002 level. Prices for all commodities except wheat were higher in 2003, and production rebounded from 2002. Tobacco production declined 8 percent in the U.S. during 2003, more than offsetting a one percent increase in average price. Kentucky tobacco accounted for 29 percent of the value of the U.S. tobacco crop.

### DISTRIBUTION OF KENTUCKY CROP VALUES FOR 2003



## KENTUCKY CROPS RANKED BY 2003 VALUE OF PRODUCTION

RANK	COMMODITY & UNIT	2002 CROP YEAR <u>1/</u>		2003 CROP YEAR		CHANGE IN VALUE
		Price Per Unit	Total Value	Price Per Unit	Total Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(03 as % of 02)
1.	Hay, All, baled, ton	68.50	351,268	78.50	500,438	142
2.	Tobacco, All, lb.	2.015	449,320	2.027	456,077	102
3.	Soybeans (beans), bu.	5.74	244,352	7.60	405,232	166
4.	Corn (for grain), bu.	2.58	287,102	2.55	377,298	131
5.	Wheat, All, bu.	3.01	51,652	3.25	66,495	129
6.	Sorghum (grain), bu.	2.62	1,965	2.46	7,478	381
7.	Commercial Apples, lb.	.318	1,272	.327	2,322	183
8.	Barley, bu.	1.51	687	1.80	1,080	157
9.	Peaches, lb.	.545	654	.557	1,003	153
	TOTAL		1,388,272		1,817,423	131

1/Revised.

## TOP SEVEN UNITED STATES' CROPS RANKED BY 2003 VALUE OF PRODUCTION

RANK	COMMODITY & UNIT	2002 CROP YEAR <u>1/</u>		2003 CROP YEAR		CHANGE IN VALUE
		Price Per Unit	Total Value	Price Per Unit	Total Value	
		(Dollars)	(1,000 Dollars)	(Dollars)	(1,000 Dollars)	(03 as % of 02)
1.	Corn (for grain), bu.	2.32	20,802,946	2.45	24,779,023	119
2.	Soybeans (beans), bu.	5.53	15,241,493	7.25	17,527,346	115
3.	Hay, All, baled, ton	92.40	13,810,751	92.90	14,596,727	106
4.	Wheat, All, bu.	3.56	5,716,926	3.40	7,944,188	139
5.	Cotton, All, lb.	.457	3,777,132	.638	5,581,619	148
6.	Apples, lb.	.188	1,572,026	.209	1,784,042	113
7.	Tobacco, All, lb.	1.936	1,686,809	1.961	1,574,232	93

1/Revised.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY MONTHS, 1994 - 2003

Year	Nov	Dec	Jan 1/	Feb 1/	Mar 1/	Apr 1/	May	Jun	Jul	Aug	Sep	Oct	Marketing Year Avg
<b>BURLEY TOBACCO - TYPE 31</b> (CENTS PER POUND)													
1994	185.5	184.0	183.5	182.0	-	-	-	-	-	-	-	-	184.4
1995	184.5	185.0	187.5	187.5	-	-	-	-	-	-	-	-	185.7
1996	192.5	192.5	192.5	190.0	-	-	-	-	-	-	-	-	192.2
1997	190.5	192.0	188.5	181.0	175.5	170.0	-	-	-	-	-	-	188.6
1998	191.0	191.0	190.0	185.0	162.5	-	-	-	-	-	-	-	190.3
1999	189.5	191.0	190.5	187.5	177.0	-	-	-	-	-	-	-	190.0
2000 2/	197.5	198.5	195.5	193.0	-	-	-	-	-	-	-	-	196.8
2001 3/	198.0	198.5	197.5	196.0	-	-	-	-	-	-	-	-	197.7
2002	198.0	198.5	198.5	194.0	176.0	-	-	-	-	-	-	-	198.0
<b>2003</b>	<b>199.0</b>	<b>198.5</b>	<b>198.0</b>	<b>195.5</b>	-	-	-	-	-	-	-	-	<b>198.2</b>

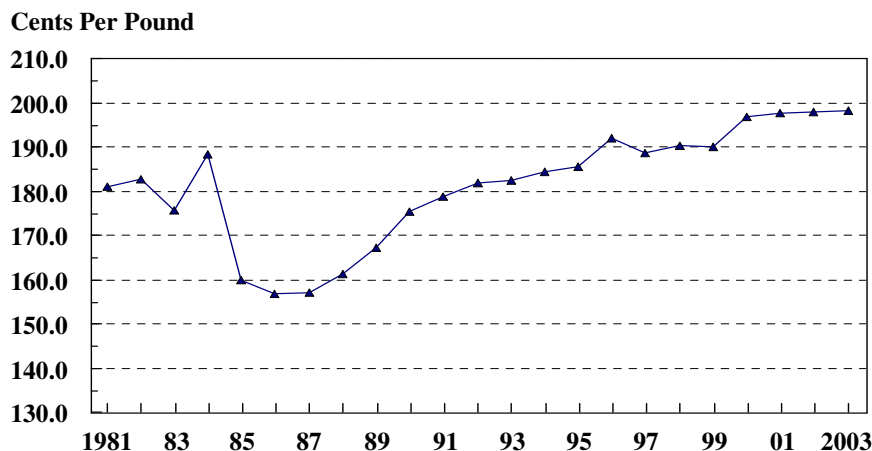
1/Following year. 2/Beginning in 2000 includes contract sales. 3/Revised.

## PRICES RECEIVED BY FARMERS IN KENTUCKY BY YEAR, 1994 - 2003

Crop Year	Eastern Dark Fire-Cured Tobacco (Type 22)	Western Dark Fire-Cured Tobacco (Type 23)	One Sucker Tobacco (Type 35)	Green River Tobacco (Type 36)
<b>OTHER TOBACCO 1/</b> (CENTS PER POUND)				
1994	211.9	207.5	166.9	173.6
1995	217.8	214.5	177.4	174.5
1996	224.6	223.3	194.5	197.9
1997	226.8	224.2	201.1	203.4
1998	225.9	215.9	195.2	197.4
1999	231.2	226.0	206.6	198.2
2000	220.1	208.2	196.5	194.0
2001	219.5	210.1	183.5	182.2
2002	239.8	236.2	213.5	206.1
<b>2003</b>	<b>248.0</b>	<b>245.0</b>	<b>222.3</b>	<b>208.6</b>

1/Marketing Year Average. Prices include country sales.

### 1981 - 2003 BURLEY TOBACCO PRICES MARKETING YEAR AVERAGE



## PRICES RECEIVED BY KENTUCKY FARMERS RECORD HIGHS AND LOWS

Commodity	Price /Unit	Record High			Record Low			Records Begin in Year
		Year	Month	Price	Year	Month	Price	
Corn	\$/Bu.	1996	Jul.	5.12	1932	Dec.	0.27	1907
Wheat	\$/Bu.	1996	Apr.	6.13	1932	Jul.	0.44	1907
Soybeans	\$/Bu.	1973	Jun.	10.40	1932	Nov.	0.60	1913
All Hay	\$/Ton	1999	May	103.00	1933	Mar.	8.20	1916
Alfalfa Hay	\$/Ton	1988	Aug.	128.00	1939	Jul.	11.70	1939
All Other Hay	\$/Ton	1988	Jul.	86.00	1956	Sep.	15.50	1948
Tobacco <u>1</u> / Burley	¢/Lb.	<b>2003</b>	SA	<b>198.2</b>	1931	SA	8.6	1919
Eastern Dark Fired Type 22	¢/Lb.	<b>2003</b>	SA	<b>248.0</b>	1931	SA	5.5	1919
Western Dark Fired Type 23	¢/Lb.	<b>2003</b>	SA	<b>245.0</b>	1931	SA	3.9	1919
One Sucker Type 35	¢/Lb.	<b>2003</b>	SA	<b>222.3</b>	1931	SA	3.4	1919
Green River Type 36	¢/Lb.	<b>2003</b>	SA	<b>208.6</b>	1931	SA	3.3	1919
Beef Cattle	\$/Cwt.	<b>2003</b>	Dec.	<b>78.20</b>	1933	Dec.	3.05	1910
Beef Cows	\$/Cwt.	1979	May	55.10	1954	Dec.	8.30	1953
Steers & Heifers	\$/Cwt.	<b>2003</b>	Sep.	<b>89.00</b>	1956	Jan.	15.30	1953
Calves	\$/Cwt.	1991	Apr.	105.00	1933	Jun.	4.20	1910
Milk Cows	\$/Head	2002	Apr.	1,650.00	1934	Jan.	22.00	1910
Milk Wholesale, All	\$/Cwt.	1999	Jan.	18.70	1932	Jun.	1.10	1909
Milk - Fluid Market	\$/Cwt.	1999	Jan.	18.80	1962	Jun.	3.60	1950
Milk - Mfg. Grade <u>2</u> / 	\$/Cwt.	1998	Dec.	16.00	1954	Jun.	2.90	1950
Hogs	\$/Cwt.	1982	Aug.	63.50	1933	Dec.	3.15	1910
Eggs <u>1</u> / 	¢/Doz.	2001	SA	93.5	1933	SA	11.5	1909

1/ SA = Season Average Price. 2/ Prices discontinued March 2002.

## MARKET YEAR AVERAGE PRICES RECEIVED BY KENTUCKY FARMERS, 1962 - 2003

Year	Burley Tobacco	Soybeans	Corn	Wheat	Beef Cattle	Calves	Hogs	All Milk	All Eggs <sup>1/</sup>
	(¢/Lb)	(\$/Bu)	(\$/Bu)	(\$/Bu)	(\$/Cwt)	(\$/Cwt)	(\$/Cwt)	(\$/Cwt)	(¢/Doz)
1962	58.1	2.30	1.15	1.94	19.70	27.00	16.50	3.78	33.3
1963	59.9	2.51	1.18	1.82	19.20	26.80	15.10	3.85	34.1
1964	60.5	2.60	1.26	1.34	16.50	24.10	15.00	3.88	30.3
1965	69.2	2.48	1.25	1.33	18.50	25.20	19.70	3.96	31.8
1966	66.6	2.75	1.40	1.58	21.30	29.90	22.90	4.69	36.8
1967	72.0	2.45	1.16	1.38	21.50	31.10	19.40	4.87	29.8
1968	73.7	2.40	1.18	1.22	22.00	31.20	18.60	5.06	32.3
1969	69.8	2.32	1.30	1.22	24.60	33.30	22.00	5.18	38.2
1970	72.2	2.87	1.52	1.31	26.20	34.80	22.80	5.45	36.3
1971	81.2	2.96	1.13	1.47	27.40	36.90	17.80	5.62	30.0
1972	79.4	4.06	1.72	1.47	32.20	44.00	25.40	5.84	29.0
1973	93.2	5.64	2.65	3.28	43.00	57.00	38.60	6.84	50.6
1974	114.1	6.84	3.08	3.77	31.80	40.10	35.20	8.10	51.9
1975	106.7	4.87	2.57	2.96	27.40	27.00	47.20	8.25	49.1
1976	115.0	6.74	2.22	2.95	31.40	34.60	44.10	9.45	54.2
1977	121.8	6.18	2.19	2.10	31.60	37.00	39.10	9.45	50.6
1978	131.8	6.82	2.40	3.15	46.60	56.00	46.20	10.20	47.7
1979	145.8	6.42	2.72	4.00	65.10	83.00	41.50	11.80	55.0
1980	166.0	7.75	3.35	3.85	59.30	72.40	38.50	12.80	51.6
1981	181.0	6.33	2.57	3.45	51.00	57.70	44.50	13.60	58.8
1982	182.9	5.74	2.57	3.19	47.50	55.00	53.50	13.50	54.4
1983	175.8	7.79	3.54	3.35	46.20	55.40	47.60	13.50	54.6
1984	188.4	6.07	2.82	3.30	45.00	52.90	48.10	13.40	65.8
1985	159.9	5.26	2.37	2.90	46.40	57.30	44.80	12.80	51.7
1986	156.8	4.97	1.69	2.45	45.90	57.30	49.90	12.60	55.4
1987	157.2	5.93	2.02	2.50	55.20	73.90	51.70	12.90	50.3
1988	161.5	7.66	2.76	3.60	61.40	84.00	42.90	12.60	47.7
1989	167.4	5.91	2.54	3.64	66.40	85.30	42.40	13.60	64.1
1990	175.5	5.86	2.48	2.77	70.80	89.60	53.70	14.30	67.7
1991	178.9	5.78	2.58	2.51	71.00	93.00	47.60	12.50	73.5
1992	182.1	5.68	2.23	3.26	66.30	82.90	40.60	13.70	61.7
1993	182.5	6.55	2.58	2.83	71.10	87.80	44.40	13.40	68.0
1994	184.4	5.65	2.38	3.11	63.70	79.40	39.20	13.90	63.7
1995	185.7	7.01	3.27	3.84	53.30	63.70	39.40	13.50	65.4
1996	192.2	7.43	3.00	4.33	43.80	46.50	51.40	15.40	79.2
1997	188.6	6.76	2.62	3.24	59.20	72.20	52.60	13.70	74.4
1998	190.3	5.15	2.17	2.26	59.00	74.90	35.20	15.50	72.5
1999	190.0	4.83	2.11	2.19	59.30	80.20	28.50	15.40	78.5
2000	196.8	4.71	2.07	2.26	71.90	96.10	40.20	13.80	90.4
2001	197.7	4.47	2.08	2.50	71.70	96.20	42.00	16.20	93.5
2002 <sup>2/</sup>	198.0	5.74	2.58	3.01	64.90	84.90	31.00	13.20	83.7
<b>2003</b>	<b>198.2</b>	<b>7.60</b>	<b>2.55</b>	<b>3.25</b>	<b>72.30</b>	<b>92.00</b>	<b>36.40</b>	<b>13.40</b>	<b>88.9</b>

<sup>1/</sup>Includes hatching type eggs. <sup>2/</sup>Revised.

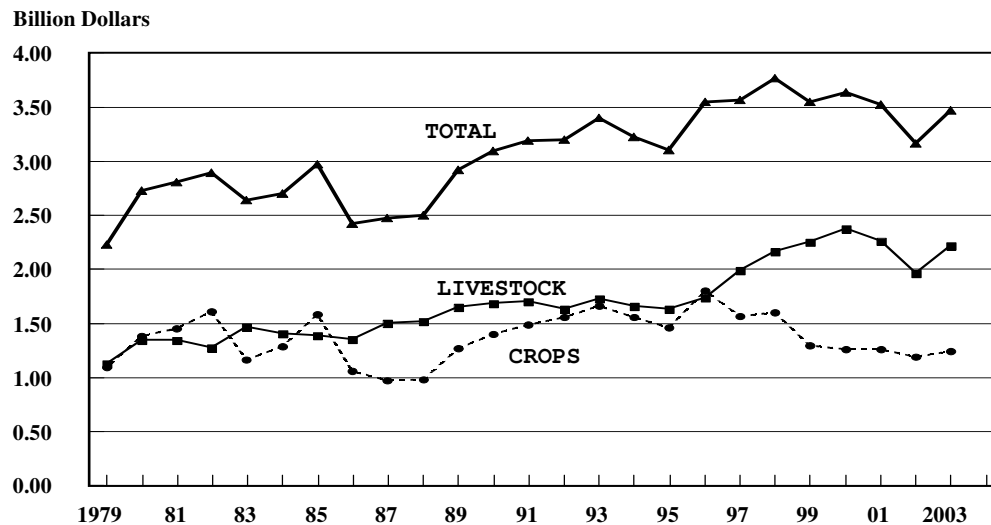


## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1979 - 2003

Year	Livestock	Crops	All Commodities
(1,000 Dollars)			
1979	1,129,815	1,100,202	2,230,017
1980	1,345,084	1,383,834	2,728,918
1981	1,352,584	1,451,982	2,804,566
1982	1,281,395	1,611,049	2,892,444
1983	1,475,139	1,169,700	2,644,839
1984	1,414,480	1,285,862	2,700,342
1985	1,391,649	1,583,825	2,975,474
1986	1,361,875	1,060,210	2,422,085
1987	1,507,453	971,346	2,478,799
1988	1,520,318	979,135	2,499,453
1989	1,652,154	1,269,623	2,921,777
1990 <sup>1/</sup>	1,694,257	1,405,465	3,099,722
1991 <sup>1/</sup>	1,711,058	1,485,026	3,196,084
1992	1,635,692	1,562,135	3,197,827
1993	1,736,120	1,668,566	3,404,686
1994	1,667,270	1,556,907	3,224,177
1995 <sup>1/</sup>	1,637,957	1,465,475	3,103,432
1996	1,745,193	1,807,851	3,553,044
1997 <sup>1/</sup>	1,999,423	1,564,807	3,564,230
1998 <sup>1/</sup>	2,169,898	1,599,516	3,769,414
1999 <sup>1/</sup>	2,254,890	1,298,737	3,553,627
2000 <sup>1/</sup>	2,378,571	1,262,914	3,641,485
2001 <sup>1/</sup>	2,263,556	1,264,666	3,528,221
2002 <sup>1/</sup>	1,972,790	1,192,813	3,165,603
<b>2003</b>	<b>2,225,703</b>	<b>1,243,300</b>	<b>3,469,002</b>

<sup>1/</sup>Revised.

## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 1979 - 2003



## KENTUCKY CASH RECEIPTS FROM FARM MARKETINGS, 2001 - 2003

COMMODITY	2001 <u>1/</u> CASH RECEIPTS (\$1,000)	2002 <u>1/</u> CASH RECEIPTS (\$1,000)	2003		
			CASH RECEIPTS (\$1,000)	% OF TOTAL	% OF 2002
<b><u>LIVESTOCK PRODUCTS 2/</u></b>	2,263,556	1,972,790	2,225,703	64.2	113
Cattle & Calves	499,782	413,376	543,872	15.7	132
Dairy Products	263,736	208,560	192,022	5.5	92
Hogs	94,321	72,847	66,700	1.9	92
Broilers	503,997	421,050	506,566	14.6	120
Eggs	72,696	65,565	83,122	2.4	127
Other Poultry	22,572	23,319	23,516	0.7	101
Horses & Mules <u>3/</u>	800,000	760,000	800,000	23.1	105
Honey	330	440	394	--	90
Aquaculture	1,097	1,180	1,381	--	117
Other Livestock Products <u>4/</u>	5,025	6,453	8,130	0.2	126
<b><u>CROPS 2/ 5/</u></b>	1,264,666	1,192,813	1,243,300	35.8	104
Tobacco	566,276	443,031	431,177	12.4	97
Corn	272,508	280,858	259,377	7.5	92
Soybeans	202,014	257,820	305,640	8.8	119
Wheat	62,963	59,110	60,268	1.7	102
Barley	1,242	1,024	1,561	--	152
Hay	72,772	61,540	73,967	2.1	120
Sorghum Grain	1,546	1,908	5,477	0.2	287
Vegetables	14,000	15,000	17,000	0.5	113
Apples	1,542	1,518	1,721	--	113
Peaches	877	654	1,003	--	153
Other Fruits, Nuts & Berries	2,520	2,890	3,146	0.1	109
Floriculture	31,503	32,297	34,514	1.0	107
Nursery, Greenhouse & Sod	28,190	30,241	40,780	1.2	135
Other Crops <u>6/</u>	6,713	4,922	7,669	0.2	156
<b><u>ALL COMMODITIES 2/</u></b>	3,528,221	3,165,603	3,469,002	100.0	110

-- Indicates less than .05%. Percent may not be accurate to .1 because of method of machine computation. 1/Revised. 2/May not add due to rounding. 3/Includes stud fees. 4/Includes sheep and all other livestock. 5/Forest products not included in farm cash receipts, but are included in net farm income. 6/Includes sunflowers, other seeds, other field crops and mushrooms.

## 2003 CASH RECEIPTS HIGHLIGHTS

Woodford, Fayette, Graves and Bourbon counties had cash receipts above \$100 million during 2003. Sales of horses and stud fees accounted for most of the cash receipts for Woodford, Fayette and Bourbon while poultry was the largest source of cash receipts in Graves county. Fourteen additional Kentucky counties had cash receipts above \$50 million for 2003.

Horse sales, including stud fees, continued to be the cash receipt's leader for Kentucky with \$800.0 million. Receipts were up \$40.0 million from the 2002 level. All poultry continued second with \$613.2 million in receipts, up 20 percent from 2002. Broiler receipts totaled \$506.6 million. Cattle and calves' sales were third with \$543.9 million. Tobacco was fourth with \$431.2 million.

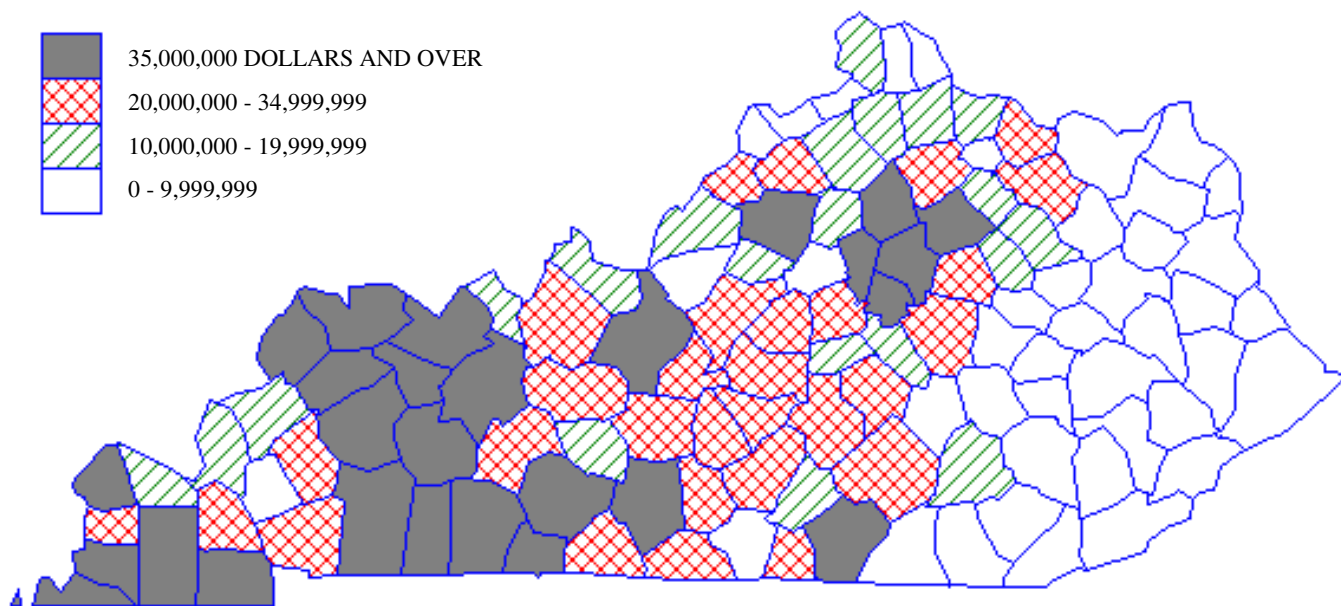
Livestock products made up 64 percent of total cash receipts for 2003. Sales of horses and stud fees were 36 percent of livestock and livestock products receipts during 2003. All poultry made up 28 percent of the livestock receipts with cattle and calves accounting for 24 percent of the livestock total.

Crop receipts made up 36 percent of Kentucky's total cash receipts for 2003. Tobacco sales accounted for 35 percent of total crop receipts with soybeans making up 25 percent and corn 21 percent.

### **Top Cash Receipt Counties by Commodity - 2003**

Horses	- Woodford	Tobacco	- Christian
Broilers	- Graves	Corn	- Christian
Cattle	- Barren	Soybeans	- Daviess
Dairy	- Barren	All Hay	- Pulaski
		Wheat	- Christian

## **TOTAL CASH RECEIPTS - 2003**



# CASH RECEIPTS FROM FARM MARKETINGS

## COUNTY ESTIMATES - 2002 <sup>1/</sup>

District and County	Total Crops Receipts	Total Livestock Receipts	All Cash Receipts	District and County	Total Crops Receipts	Total Livestock Receipts	All Cash Receipts
(Thousand Dollars)				(Thousand Dollars)			
Ballard	19,167	20,043	39,210	Anderson	3,531	4,412	7,943
Calloway	32,996	26,580	59,576	Bath	7,368	5,656	13,024
Carlisle	14,256	13,468	27,724	Bourbon	14,979	87,555	102,534
Fulton	21,138	10,526	31,664	Boyle	5,035	6,879	11,914
Graves	46,624	89,895	136,519	Clark	8,230	9,695	17,925
Hickman	22,278	46,147	68,425	Fayette	14,413	263,336	277,749
Livingston	5,521	7,063	12,584	Fleming	9,007	21,459	30,466
Lyon	4,592	1,506	6,098	Franklin	7,002	3,078	10,080
McCracken	12,226	5,139	17,365	Garrard	7,184	9,388	16,572
Marshall	8,492	16,467	24,959	Harrison	9,999	7,186	17,185
Trigg	17,460	4,224	21,684	Jessamine	8,113	48,354	56,467
<b>DISTRICT 1</b>	<b>204,750</b>	<b>241,058</b>	<b>445,808</b>	Lincoln	10,516	17,053	27,569
Caldwell	13,918	6,159	20,077	Madison	11,305	12,517	23,822
Christian	59,335	20,769	80,104	Mason	8,991	10,309	19,300
Crittenden	5,836	6,971	12,807	Mercer	8,206	13,700	21,906
Daviess	48,561	15,407	63,968	Montgomery	6,323	8,669	14,992
Hancock	6,829	4,766	11,595	Nicholas	4,758	4,569	9,327
Henderson	37,980	11,798	49,778	Robertson	2,018	1,085	3,103
Hopkins	17,239	23,123	40,362	Scott	12,544	29,958	42,502
Logan	48,704	15,929	64,633	Shelby	22,250	17,670	39,920
McLean	26,052	41,021	67,073	Spencer	6,480	4,737	11,217
Muhlenberg	11,231	33,211	44,442	Washington	11,094	12,158	23,252
Ohio	17,463	39,159	56,622	Woodford	9,942	288,038	297,980
Simpson	26,763	11,397	38,160	<b>DISTRICT 5</b>	<b>209,288</b>	<b>887,461</b>	<b>1,096,749</b>
Todd	37,273	32,991	70,264	Bell	75	123	198
Union	37,469	5,355	42,824	Boyd	381	922	1,303
Webster	20,089	53,302	73,391	Breathitt	1,377	328	1,705
<b>DISTRICT 2</b>	<b>414,742</b>	<b>321,358</b>	<b>736,100</b>	Carter	3,792	2,610	6,402
Adair	6,451	23,860	30,311	Clay	3,179	975	4,154
Allen	6,070	18,320	24,390	Elliot	2,029	961	2,990
Barren	18,080	40,472	58,552	Estill	1,954	1,559	3,513
Breckinridge	14,043	11,991	26,034	Floyd	263	117	380
Bullitt	3,339	3,145	6,484	Greenup	3,136	2,225	5,361
Butler	8,122	10,417	18,539	Harlan	95	83	178
Casey	8,117	11,515	19,632	Jackson	3,861	2,888	6,749
Clinton	2,919	16,925	19,844	Johnson	944	285	1,229
Cumberland	3,219	4,780	7,999	Knott	11	90	101
Edmonson	3,513	5,724	9,237	Knox	1,390	1,007	2,397
Grayson	7,646	22,110	29,756	Laurel	6,451	5,300	11,751
Green	7,891	11,160	19,051	Lawrence	1,076	692	1,768
Hardin	17,629	16,443	34,072	Lee	860	385	1,245
Hart	11,118	14,952	26,070	Leslie	85	47	132
Jefferson	6,852	3,166	10,018	Letcher	97	87	184
Larue	12,023	9,927	21,950	Lewis	5,832	3,909	9,741
Marion	10,152	19,531	29,683	McCreary	154	396	550
Meade	6,989	8,564	15,553	Magoffin	1,231	530	1,761
Metcalfe	6,679	18,631	25,310	Martin	12	77	89
Monroe	4,994	24,514	29,508	Menifee	1,754	858	2,612
Nelson	11,178	20,919	32,097	Morgan	4,281	1,637	5,918
Russell	5,333	11,359	16,692	Owsley	1,822	319	2,141
Taylor	8,619	11,546	20,165	Perry	231	260	491
Warren	23,638	35,316	58,954	Pike	59	116	175
<b>DISTRICT 3</b>	<b>214,614</b>	<b>375,287</b>	<b>589,901</b>	Powell	1,379	975	2,354
Boone	8,207	6,376	14,583	Pulaski	12,378	17,864	30,242
Bracken	4,456	4,199	10,655	Rockcastle	4,137	4,411	8,548
Campbell	2,227	1,934	4,161	Rowan	2,518	1,833	4,351
Carroll	5,621	1,715	7,336	Wayne	6,242	33,469	39,711
Gallatin	2,573	1,252	3,825	Whitley	1,456	2,515	3,971
Grant	5,876	7,304	13,180	Wolfe	2,302	687	2,989
Henry	13,483	9,022	22,505	<b>DISTRICT 6</b>	<b>76,844</b>	<b>90,540</b>	<b>167,384</b>
Kenton	2,050	2,178	4,228	<b>KENTUCKY</b>	<b>1,192,813</b>	<b>1,972,790</b>	<b>3,165,603</b>
Oldham	7,200	13,469	20,669	<b>TOP PRODUCING COUNTIES (000 Dollars)</b>			
Owen	8,340	4,186	12,526	Woodford		297,980	
Pendleton	5,585	3,621	9,206	Fayette		277,749	
Trimble	4,957	1,830	6,787	Graves		136,519	
<b>DISTRICT 4</b>	<b>72,575</b>	<b>57,086</b>	<b>129,661</b>	Bourbon		102,534	
				Christian		80,104	

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture.

# VALUE ADDED TO THE KENTUCKY ECONOMY BY THE AGRICULTURAL SECTOR VIA THE PRODUCTION OF GOODS AND SERVICES, 2000- 2003 <sup>1/</sup>

Item	2000 <sup>2/</sup>	2001 <sup>2/</sup>	2002 <sup>2/</sup>	2003
(1,000 Dollars)				
Value of crop production	1,476,453	1,209,025	1,051,884	1,338,880
Food grains	56,635	62,963	59,110	60,268
Feed crops	306,609	348,068	345,331	340,383
Cotton	0	0	0	0
Oil crops	142,745	202,014	257,820	305,640
Tobacco	674,469	566,276	443,031	431,177
Fruits and tree nuts	4,439	4,939	5,062	5,870
Vegetables	12,000	14,000	15,000	17,000
All other crops	66,016	66,405	67,459	82,962
Home consumption	7,872	6,086	4,121	8,782
Value of inventory adjustment <sup>3/</sup>	205,668	(61,726)	(145,050)	86,798
Value of livestock production	2,398,506	2,290,753	2,038,485	2,181,083
Meat animals	630,469	594,103	486,223	610,572
Dairy products	229,080	263,736	208,560	192,022
Poultry and eggs	473,755	599,265	509,934	613,204
Miscellaneous livestock	1,045,267	806,452	768,074	809,905
Home consumption	2,778	3,117	2,111	4,498
Value of inventory adjustment <sup>3/</sup>	17,157	24,080	63,583	(49,118)
Revenues from services and forestry	728,739	711,661	731,004	778,903
Machine hire and customwork	20,084	16,367	28,618	27,864
Forest products sold	180,000	170,000	160,000	155,000
Other farm income	221,094	198,527	197,370	250,467
Gross imputed rental value of farm dwellings	307,561	326,767	345,016	345,572
Value of agricultural sector production	4,603,697	4,211,439	3,821,373	4,298,866
(less) Purchased inputs	1,900,367	1,796,968	2,052,541	1,983,095
Farm origin	613,737	597,243	742,820	594,143
Feed purchased	390,977	384,507	491,325	337,294
Livestock and poultry purchased	135,539	122,986	122,999	116,639
Seed purchased	87,221	89,750	128,496	140,210
Manufactured inputs	437,909	427,296	447,619	446,793
Fertilizers and lime	203,125	194,851	197,082	185,154
Pesticides	79,953	79,494	82,231	83,638
Petroleum fuel and oils	125,518	118,881	135,062	124,906
Electricity	29,313	34,070	33,244	53,095
Other purchased inputs	848,721	772,429	862,102	942,159
Repair and maintenance of capital items	211,076	200,571	253,090	201,255
Machine hire and customwork	30,548	25,725	23,669	28,317
Marketing, storage, and transportation expenses	117,282	117,511	114,789	130,281
Contract labor	74,362	45,828	73,523	102,190
Miscellaneous expenses	415,453	382,794	397,031	480,116
(plus) Net government transactions	365,076	209,308	44,951	52,067
+ Direct Government payments	448,473	293,379	137,901	146,890
- Motor vehicle registration and licensing fees	10,500	10,669	13,052	11,164
- Property taxes	72,897	73,402	79,898	83,659
Gross value added	3,068,406	2,623,779	1,813,783	2,367,838
(less) Capital consumption	610,995	623,528	629,027	628,519
Net value added	2,457,411	2,000,251	1,184,756	1,739,319
(less) Payments to stakeholders	780,313	769,879	774,044	875,617
Employee compensation (total hired labor)	193,422	243,390	301,850	286,422
Net rent received by nonoperator landlords	297,778	264,710	213,380	324,743
Real estate and nonreal estate interest	289,113	261,779	258,814	264,452
Net farm income	1,677,098	1,230,372	410,712	863,702

<sup>1/</sup>Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. <sup>2/</sup>Revised. <sup>3/</sup>A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales. Negative numbers are shown in parenthesis. Source: Economic Research Service/USDA.

## FARM BUSINESS BALANCE SHEET

### KENTUCKY, DECEMBER 31, 1998 - 2002 <sup>1/</sup>

	1998	1999	2000	2001	2002
Farms	90,000	91,000	90,000	88,000	87,000
	(1,000 dollars)				
Farm assets	22,574,835	23,446,265	25,704,030	26,734,059	28,552,752
Real estate	17,290,912	18,081,999	20,003,212	20,907,312	22,602,499
Livestock and poultry <sup>2/</sup>	1,217,550	1,332,010	1,511,900	1,559,195	1,570,704
Machinery and motor vehicles <sup>3/</sup>	2,149,905	2,174,848	2,177,896	2,209,702	2,257,454
Crops <sup>4/</sup>	653,176	546,082	674,510	596,004	478,550
Purchased inputs	158,028	126,313	153,613	132,172	176,715
Financial	1,105,264	1,185,013	1,182,899	1,329,674	1,466,829
Farm debt <sup>5/</sup>	3,193,771	3,280,350	3,432,632	3,607,172	3,784,584
Real estate	1,915,386	2,038,875	2,156,463	2,271,047	2,441,469
Farm Credit System	478,500	515,211	561,562	621,376	715,197
Farm Service Agency	127,508	120,269	115,492	113,600	107,942
Commercial banks	955,017	1,045,452	1,128,019	1,178,252	1,253,221
Life insurance companies	59,852	64,006	60,446	61,278	62,456
Individuals and others	294,509	293,936	290,944	296,541	302,652
CCC storage & drying loans	0	0	0	0	0
Nonreal estate	1,278,385	1,241,475	1,276,169	1,336,125	1,343,116
Farm Credit System	401,001	363,538	335,103	386,150	396,306
Farm Service Agency	75,655	77,523	76,078	75,564	72,324
Commercial banks	535,814	525,192	569,673	571,843	563,187
Individuals and others	265,915	275,222	295,316	302,568	311,299
Equity	19,381,064	20,165,915	22,271,398	23,126,887	24,768,168
Ratio:	(Percent)				
Debt/equity	16.5	16.3	15.4	15.6	15.3
Debt/assets	14.2	14.0	13.4	13.5	13.3

<sup>1/</sup>Revised. <sup>2/</sup>Excludes horses, mules, and broilers. <sup>3/</sup>Includes only farm share value for trucks and autos. <sup>4/</sup>All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. <sup>5/</sup>Excludes debt for nonfarm purposes. Source: Economic Research Service/USDA.

## GOVERNMENT PAYMENTS: BY PROGRAM,

### KENTUCKY, 2001 - 2003 <sup>1/</sup>

	2001	2002	2003
	(1,000 dollars)		
Production Flexibility Contracts <sup>2/</sup>	39,706	36,981	-1,574
Loan Deficiency Payments	94,120	12,884	916
Conservation Programs <sup>3/</sup>	27,752	30,722	33,124
Supplemental Funding <sup>4/</sup>	125,939	55,533	114,356
Miscellaneous <sup>5/</sup>	2,177	27	-5
Marketing Loan Gains	3,685	1,754	73
Other <sup>6/</sup>	(1)	(13)	(4)
Total Direct Payments	293,379	137,901	146,890

<sup>1/</sup>Amounts include only cash payments made directly to farmers, not including Farmer-owned Reserve Payments as these data are not available by State. <sup>2/</sup>Production Flexibility Contract Payments were authorized by the Federal Agricultural Improvement and Reform Act of 1996 for 1996 through 2002 crops. <sup>3/</sup>Conservation programs include Agricultural Conservation Program, Agricultural Management Assistance, Auto Agricultural Conservation--Environment Long Term, Auto ANA Conservation--Annual, Auto Conservation Reserve--Auto Environment Quality Incentives, Auto LTA Conservation--Long Term, Colorado River Basin Salinity Control, Conservation Reserve--Annual Rental, Conservation Reserve--Cost Share, Emergency Conservation, Environment Quality Incentives, Environment Quality Incentives--NRCS, Farmland Protection, Forestry Incentives--NRCS, Grasslands Reserve, Great Plains, Soil and Water Conservation Assistance, Wetlands Reserve, Wetlands Reserve--NRCS, Wildlife Habitat Incentive. <sup>4/</sup>Direct Payments and counter-cyclical payments are authorized by the Farm Security and Rural Investment Act of 2002 for 2002 through 2007 crops. The Act also increases the number of crops authorized to receive payments. Programs authorized by the Farm Security and Rural Investment Act of 2002. Ad Hoc and emergency programs includes all programs providing disaster and emergency assistance payments to growers. Programs include Apple and Potato Quality Loss Assistance, Apple Market Loss Assistance Payments, Avian Influenza Indemnity Program, Cattle Feed Program, Crop Disaster Program, Crop Disaster Assistance Program 2001/2002, Crop Loss Disaster Assistance, Dairy Indemnity, Dairy Market Loss Assistance, Disaster Program, Karnal Bunt Fungus, Livestock Compensation, Livestock Emergency Assistance, Livestock Indemnity, Loan Deficiency Payments for Non-contract Production Flexibility Contract Growers, Marketing Loss Assistance, Market Loss Assistance--Florida, Oilseed Payment, Oilseed Payment--Supplemental, Pasture Flood Compensation, Pasture Recovery, Quality Losses, Sugar Beet Disaster, Tobacco Marketing Loss Assistance, Tobacco Payment, TRI Valley Growers, Wool and Mohair Marketing Loss Assistance II--Apportioned, Wool and Mohair Marketing Loss Assistance III-- Apportioned, and Wool and Mohair Marketing Loss Assistance. <sup>5/</sup>Include Acreage Grazing Payments, Additional Interest Payments, American Indian Livestock Feed Program--Apportioned, Cotton Deficiency Program, Feed Grain Deficiency Program, Finality Rule, Hard White Winter Wheat, Interest Payments, National Wool Act, Payment Limitation Refund, Rice Deficiency Program, Small Hog Operation Program, Sugar PIK Diversion Program, and Wheat Deficiency Program. <sup>6/</sup>Commodity Programs in effect prior to the 1996 Farm Bill include Cotton Deficiency, Feed Grain Deficiency, Rice Deficiency, Wheat Deficiency, and National Wool Act. The negative numbers are repayments by producers of unanticipated overpayments under earlier programs. Source: Economic Research Service/USDA.

## AGRICULTURAL EXPORTS

Agricultural exports from Kentucky during Fiscal Year 2003 were valued at \$981.1 million. This was up less than 2 percent from the revised FY 2002 value of \$969.6 million. Unmanufactured tobacco at \$262.3 million remained the number one commodity, with live animals and meat still (including horses, excluding poultry) second at \$228.9 million. Soybeans and products at \$128.0 million were up 3 percent. Feed and fodders, after being redefined and recalculated, became fourth at \$127.2 million. Feed grains and products at \$78.9 million decreased \$23.2 million in export value. Wheat and products continue to increase in value at \$75.8 million. Poultry and poultry products were sixth with \$48.7 million.

Value of U.S. agricultural exports totaled \$56.2 billion in FY 2003, up \$2.9 billion from FY 2002. Soybeans and products were the highest valued commodity with \$8.29 billion, followed by feed grains and products with \$6.73 billion. Exports of live animals and meat were valued at \$6.48 billion. California continued to lead State agricultural exports with \$8.21 billion. Iowa moved to second with \$3.64 billion, just ahead of Texas with \$3.43 billion. Rounding out the top 10 States were Illinois, Nebraska, Kansas, Minnesota, Washington, North Dakota, and Indiana. Kentucky ranked eighteenth in all exports and eighth in live animals and meat exports. The FY 2004 forecast for U.S. agricultural exports at \$61.5 billion, was \$5.3 billion above FY 2003.

### VALUE OF AGRICULTURAL EXPORTS KENTUCKY & UNITED STATES, FY 2000-2003 <sup>1/</sup>

COMMODITY	KENTUCKY				UNITED STATES	
	2000	2001	2002	2003	2002	2003
(Million Dollars)						
Tobacco-Unmanufactured	269.1	285.2	254.9	262.3	1,148.4	998.6
Live Animals & Meat (Incl. horses, excl. poultry)	168.5	206.4	201.7	228.9	6,098.5	6,483.0
Soybeans & Products	61.0	111.7	123.8	128.0	7,332.1	8,287.5
Feeds & Fodders	125.9	166.9	125.2	127.2	1,950.1	1,998.7
Feed Grains & Products	80.8	96.5	103.1	78.9	6,795.6	6,731.0
Wheat & Products	64.1	64.2	73.0	75.8	4,793.6	5,326.8
Poultry & Products	41.6	52.6	53.0	48.7	2,280.1	2,105.4
Seeds	8.1	7.7	9.7	5.7	833.3	813.1
Fats, Oils & Greases	1.5	0.9	0.9	1.1	428.0	538.5
Hides & Skins	1.2	1.2	1.2	1.2	1,777.3	1,790.3
Fruits & Preps.	0.6	0.5	0.7	0.4	3,433.5	3,545.3
Dairy Products	2.2	0.0	0.0	0.0	1,031.4	1,033.6
Other	19.1	18.7	22.3	22.8	15,389.0	16,534.9
<b>ALL COMMODITIES <sup>2/</sup></b>	<b>844.0</b>	<b>1012.5</b>	<b>969.6</b>	<b>981.1</b>	<b>53,291.2</b>	<b>56,186.4</b>

<sup>1/</sup>Revisions made after a thorough review of the original data, with consideration given to all additional data now available, including the 2002 Census of Agriculture and Exports from Manufacturing Establishments data. <sup>2/</sup>Totals may not add due to rounding.

### U.S. AGRICULTURAL TRADE, FISCAL YEARS 1999 - 2004 <sup>1/</sup>

(Year beginning October 1 previous year)

Item	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
(Billion Dollars)						
Exports	49.1	50.7	52.7	53.3	56.2	61.5
Imports	37.3	38.9	39.0	41.0	45.7	51.5
Trade Balance	11.8	11.9	13.7	12.3	10.5	10.0

<sup>1/</sup>FY 2003 revised, FY 2004 forecast as of May 1.

## FARM PRODUCTION EXPENDITURES 2002 <sup>1/</sup> - 2003

EXPENDITURE - FARM SHARE	APPALACHIAN REGION <u>2/</u>					UNITED STATES <u>3/</u>				
	Average		Total Expenditures			Average		Total Expenditures		
	per Farm <u>4/</u>				'03 %	per Farm <u>4/</u>				'03 %
	2002	2003	2002	2003	of '02	2002	2003	2002	2003	of '02
	Dollars		Million Dollars		(%)	Dollars		Million Dollars		(%)
Total Farm Production Expenditures <u>5/</u> <u>6/</u>	52,644	54,936	16,030	16,250	101	89,722	93,785	193,100	198,900	103
Livestock, Poultry & Related Expenses <u>7/</u>	5,977	5,747	1,820	1,700	93	8,503	8,959	18,300	19,000	104
Feed	11,363	11,968	3,460	3,540	102	11,570	12,731	24,900	27,000	108
Farm Services <u>8/</u>	5,747	6,626	1,750	1,960	112	12,452	12,637	26,800	26,800	100
Rent <u>9/</u>	2,332	2,366	710	700	99	7,527	7,733	16,200	16,400	101
Agricultural Chemicals <u>10/</u>	1,642	1,724	500	510	102	3,857	3,961	8,300	8,400	101
Fertilizer, Lime & Soil Conditioners <u>10/</u>	2,463	2,502	750	740	99	4,461	4,715	9,600	10,000	104
Interest	2,430	2,265	740	670	91	4,879	4,385	10,500	9,300	89
Taxes (Real Estate & Property)	1,314	1,318	400	390	98	3,160	3,206	6,800	6,800	100
Labor	5,287	5,071	1,610	1,500	93	9,990	9,996	21,500	21,200	99
Fuels	1,773	1,792	540	530	98	3,020	3,159	6,500	6,700	103
Farm Supplies & Repairs <u>11/</u>	2,956	2,637	900	780	87	5,669	5,187	12,200	11,000	90
Farm Improvements & Construction <u>12/</u> <u>13/</u>	2,332	3,685	710	1,090	154	3,717	5,422	8,000	11,500	144
Tractors & Self-Propelled Farm Machinery	2,069	2,535	630	750	119	2,881	3,065	6,200	6,500	105
Other Farm Machinery	920	1,285	280	380	136	1,719	1,839	3,700	3,900	105
Seeds & Plants <u>14/</u>	1,970	2,096	600	620	103	4,135	4,385	8,900	9,300	104
Trucks & Autos	1,806	1,183	550	350	64	1,951	2,122	4,200	4,500	107

<sup>1/</sup>Revised. <sup>2/</sup>Appalachian: KY, NC, TN, VA, WV. <sup>3/</sup>Excludes AK and HI. <sup>4/</sup>Total expenditures divided by total number of farms. <sup>5/</sup>Total includes production costs not allocated to any of the 16 expense categories published. <sup>6/</sup>Includes landlord and contractor share of farm production expenses. <sup>7/</sup>Includes purchases and leasing of livestock and poultry. <sup>8/</sup>Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. <sup>9/</sup>Includes public and private grazing fees. <sup>10/</sup>Includes material and application costs. <sup>11/</sup>Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. <sup>12/</sup>Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. <sup>13/</sup>Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. <sup>14/</sup>Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.



## CORN PRODUCTION

### COSTS AND RETURNS 2001 - 2002 <sup>1/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2001	2002	2001	2002	2001	2002
Gross value of production	Dollars Per Planted Acre					
(excluding direct Government payments):						
Primary product: Corn grain	264.96	310.88	271.80	326.60	182.40	172.19
Secondary product: Corn silage	1.96	1.94	1.37	1.33	20.99	15.78
Total, gross value of production	\$266.92	\$312.82	\$273.17	\$327.93	\$203.39	\$187.97
Operating costs:						
Seed	32.34	31.84	33.00	31.60	28.27	29.67
Fertilizer	47.72	35.49	49.85	37.24	46.97	37.10
Soil conditioners <sup>2/</sup>	0.12	0.12	0.09	0.09	0.74	0.75
Manure	2.65	2.13	1.73	1.37	3.30	2.57
Chemicals	26.44	26.11	26.67	26.22	23.77	23.48
Custom operations <sup>3/</sup>	10.94	10.79	9.77	9.69	9.24	7.79
Fuel, lube, and electricity	20.88	18.93	16.18	15.28	9.00	6.86
Repairs	13.76	13.91	12.21	12.35	10.65	10.09
Other variable cash expenses <sup>4/</sup>	0.22	0.22	0.00	0.00	0.00	0.00
Interest on operating capital	2.60	1.17	2.50	1.13	2.21	1.00
Total, operating costs	\$157.67	\$140.71	\$152.00	\$134.97	\$134.15	\$119.31
Allocated overhead:						
Hired labor	2.92	3.06	2.10	2.19	3.86	3.92
Opportunity cost of unpaid labor	24.96	25.74	22.20	23.03	46.72	47.54
Capital recovery of machinery and equipment	54.69	55.26	51.27	51.87	46.60	44.05
Opportunity cost of land (rental rate)	86.50	87.44	96.90	98.83	50.43	48.67
Taxes and insurance	5.49	5.42	5.15	5.07	6.05	6.07
General farm overhead	11.67	11.91	10.49	10.69	11.93	12.22
Total, allocated overhead	\$186.23	\$188.83	\$188.11	\$191.68	\$165.59	\$162.47
Total, costs listed	\$343.90	\$329.54	\$340.11	\$326.65	\$299.74	\$281.78
Value of production less total costs listed	-76.98	-16.72	-66.94	1.28	-96.35	-93.81
Value of production less operating costs	109.25	172.11	121.17	192.96	69.24	68.66
Supporting information:						
Yield (bushels per planted acre)	144	134	151	142	95	67
Price (dollars per bushel at harvest)	1.84	2.32	1.80	2.30	1.92	2.57
Enterprise size (planted acres) <sup>1/</sup>	236	236	270	270	72	72
Production practices: <sup>1/</sup>						
Irrigated (percent)	14	14	5	5	1	1
Dryland (percent)	86	86	95	95	99	99

The Economic Research Service revised its accounting methodology for corn, soybeans, cotton, grain sorghum, peanuts, hogs and cow-calf enterprises to conform with the new stands recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. For these same commodities, ERS is publishing regional estimates using new resource regions. **Western Kentucky is considered Heartland while eastern Kentucky is included in Eastern Uplands.**  
<sup>1/</sup>Developed from survey base year, 2001. <sup>2/</sup>Cost of lime. <sup>3/</sup>Cost of custom operation, technical services and commercial drying.  
<sup>4/</sup>Cost of purchased irrigation water.

## SOYBEAN PRODUCTION

### COSTS AND RETURNS 2001 - 2002 <sup>1/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2001	2002	2001	2002	2001	2002
Gross value of production	Dollars Per Planted Acre					
Primary product: Soybeans	178.62	215.25	189.78	228.34	166.14	185.31
Total, gross value of production	\$178.62	\$215.25	\$189.78	\$228.34	\$166.14	\$185.31
Operating costs:						
Seed	22.59	24.07	21.72	23.01	24.81	24.19
Fertilizer	8.32	7.50	7.42	6.72	20.45	18.37
Soil conditioners	0.11	0.11	0.09	0.09	0.48	0.47
Manure	1.09	0.85	1.18	0.92	0.21	0.16
Chemicals	22.89	22.89	22.82	22.73	24.13	24.72
Custom operations	6.13	6.03	6.14	6.05	3.94	3.88
Fuel, lube, and electricity	8.69	7.89	7.76	7.15	6.67	7.04
Repairs	10.59	10.72	9.84	9.95	8.59	8.44
Purchased irrigation water	0.06	0.06	0.00	0.00	0.00	0.00
Interest on operating capital	1.36	0.67	1.30	0.64	1.50	0.73
Total, operating costs	\$81.83	\$80.79	\$78.27	\$77.26	\$90.78	\$88.00
Allocated overhead:						
Hired labor	2.04	2.18	1.42	1.49	2.45	2.50
Opportunity cost of unpaid labor	20.17	20.85	19.41	20.21	34.10	34.65
Capital recovery of machinery and equipment	55.75	56.46	52.80	53.42	52.38	51.40
Opportunity cost of land (rental rate)	81.98	83.27	92.38	93.78	41.14	41.18
Taxes and insurance	7.14	7.09	7.14	7.11	5.88	5.85
General farm overhead	15.17	15.40	15.46	15.72	11.70	11.93
Total, allocated overhead	\$182.25	\$185.25	\$188.61	\$191.73	\$147.65	\$147.51
Total, costs listed	\$264.08	\$266.04	\$266.88	\$268.99	\$238.43	\$235.51
Value of production less total costs listed	-85.46	-50.79	-77.10	-40.65	-72.29	-50.20
Value of production less operating costs	96.79	134.46	111.51	151.08	75.36	97.31
Supporting information:						
Yield (bushels per planted acre)	43	41	46	44	39	33
Price (dollars per bushel at harvest)	4.15	5.25	4.16	5.23	4.26	5.58
Enterprise size (planted acres) <sup>1/</sup>	220	220	225	225	130	130
Production practices: <sup>1/</sup>						
Irrigated (percent)	5	5	2	2	0	0
Dryland (percent)	95	95	98	98	100	100

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<sup>1/</sup>Developed from survey base year, 1997.

## COW - CALF PRODUCTION

### COSTS AND RETURNS 2001 - 2002 <sup>1/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2001	2002	2001	2002	2001	2002
Gross value of production:			Dollars Per Bred Cow			
Steer calves	161.24	145.49	188.26	171.57	142.13	128.39
Heifer calves	100.22	90.45	127.54	115.34	113.71	102.45
Yearling steers	104.25	95.20	38.84	34.95	56.95	51.27
Yearling heifers	44.57	41.17	11.74	10.80	25.21	22.72
Other cattle	83.29	74.83	72.71	64.54	66.39	59.62
Total, gross value of production <sup>2/</sup>	\$499.72	\$453.26	\$443.39	\$401.47	\$411.40	\$371.42
Operating costs:						
Purchased cattle for backgrounding	68.10	62.08	26.39	23.26	43.29	39.01
Feed:						
Concentrates and other feed	26.32	25.17	26.23	26.81	24.46	23.63
Supplemental feed	16.71	19.83	35.19	40.24	11.21	14.38
Harvested forages	140.11	143.33	206.00	202.16	196.69	194.15
Cropland pasture	13.77	14.10	13.42	13.20	4.04	3.11
Private pasture	99.70	102.47	73.63	73.61	72.63	65.01
Public land	2.44	2.48	0.37	0.36	0.44	0.44
Total, feed costs	\$299.05	\$307.38	\$354.84	\$356.38	\$309.47	\$300.72
Other:						
Veterinary and medicine	22.75	22.53	39.24	38.49	16.35	16.25
Bedding and litter	0.42	0.43	1.32	1.34	0.61	0.63
Marketing	6.15	6.12	4.30	4.27	7.01	6.97
Custom operations	31.87	31.52	40.77	40.18	27.18	26.98
Fuel, lube, and electricity	19.07	19.09	16.18	16.16	15.65	15.65
Repairs	26.32	26.23	29.63	29.24	26.09	25.91
Interest on operating inputs	7.95	3.95	8.89	4.40	7.51	3.73
Total, operating costs	\$481.68	\$479.33	\$521.56	\$513.72	\$453.16	\$435.85
Allocated overhead:						
Hired labor	3.54	3.66	0.58	0.60	3.30	3.31
Opportunity cost of unpaid labor	247.95	253.74	205.55	219.81	156.31	166.34
Capital recovery of machinery and equipment <sup>3/</sup>	137.44	142.30	272.90	280.63	187.69	195.18
Opportunity cost of land	2.42	2.45	5.46	5.55	2.34	2.29
Taxes and insurance	33.50	33.66	44.13	44.23	32.54	32.65
General farm overhead	60.25	61.73	82.71	84.10	53.75	55.19
Total, allocated overhead	\$485.10	\$497.54	\$611.33	\$634.92	\$435.93	\$454.96
Total, costs listed	\$966.78	\$976.87	\$1,132.89	\$1,148.64	\$889.09	\$890.81
Value of production less total costs listed	-467.06	-523.61	-689.50	-747.17	-477.69	-519.39
Value of production less operating costs	18.04	-26.07	-78.17	-112.25	-41.76	-64.43
Supporting information:						
Bred cows (head) <sup>1/</sup>	83	83	51	51	50	50
Calves weaned (head) <sup>1/</sup>	71	71	45	45	38	38
Calving season (percent of ranches) <sup>1/</sup>						
One	49	49	65	65	19	19
Two	13	13	9	9	23	23
None set	38	38	26	26	58	58
Cost of homegrown harvested forages (percent of total cost) <sup>1/ 4/</sup>	84	84	94	94	87	87
Cost of pasture owned:						
Private pasture (percent of total cost) <sup>1/ 5/</sup>	72	72	72	72	87	87
Cropland pasture (percent of total cost) <sup>1/ 5/</sup>	80	80	76	76	96	96

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## HOG PRODUCTION

### COSTS AND RETURNS 2001 - 2002 <sup>1/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2001	2002	2001	2002	2001	2002
Gross value of production			Dollars Per Cwt. Gain <sup>2/</sup>			
Market hogs	42.97	32.50	43.75	32.90	35.14	26.04
Feeder pigs	14.35	11.24	11.27	9.10	21.96	16.19
Cull stock	1.39	0.89	1.29	0.84	2.78	1.85
Breeding stock	1.01	0.66	0.50	0.36	4.67	3.22
Inventory change	0.63	0.42	-0.36	-0.07	-1.41	-2.37
Other income <sup>3/</sup>	1.65	1.32	1.89	1.48	1.33	1.06
Total, gross value of production	\$62.00	\$47.03	\$58.34	\$44.61	\$64.47	\$45.99
Operating costs:						
Feed						
Grain	5.34	6.23	7.10	8.08	4.38	5.63
Protein sources	4.62	4.68	6.45	6.40	2.16	2.57
Complete mixes	10.22	10.43	7.74	7.96	12.24	12.30
Other feed items <sup>4/</sup>	0.18	0.18	0.23	0.22	0.82	0.87
Total, feed costs	\$20.36	\$21.52	\$21.52	\$22.66	\$19.60	\$21.37
Other						
Feeder pigs	16.63	12.99	14.30	11.37	10.82	7.62
Veterinary and medicine	1.10	1.08	1.22	1.19	1.24	1.22
Bedding and litter	0.03	0.03	0.04	0.04	0.03	0.03
Marketing	1.05	1.04	0.63	0.64	1.60	1.57
Custom services	0.42	0.41	0.32	0.32	0.14	0.15
Fuel, lube, and electricity	1.32	1.17	1.45	1.27	1.92	1.69
Repairs	0.78	0.79	0.92	0.91	1.05	1.07
Other operating costs <sup>5/</sup>	0.04	0.04	0.03	0.03	0.08	0.08
Interest on operating capital	0.70	0.33	0.68	0.32	0.61	0.29
Total, operating costs	\$42.43	\$39.40	\$41.11	\$38.75	\$37.09	\$35.09
Allocated overhead:						
Hired labor	2.39	2.55	2.43	2.61	2.61	2.78
Opportunity cost of unpaid labor	4.94	4.91	5.84	5.70	9.39	10.00
Capital recovery of machinery and equipment <sup>6/</sup>	10.74	10.53	11.11	10.86	13.30	12.95
Opportunity cost of land (rental rate)	0.05	0.05	0.05	0.05	0.09	0.09
Taxes and insurance	0.46	0.45	0.50	0.49	0.82	0.78
General farm overhead	0.97	0.99	1.02	1.03	1.11	1.14
Total, allocated overhead	\$19.55	\$19.48	\$20.95	\$20.74	\$27.32	\$27.74
Total, costs listed	\$61.98	\$58.88	\$62.06	\$59.49	\$64.41	\$62.83
Value of production less total costs listed	0.02	-11.85	-3.72	-14.88	0.06	-16.84
Value of production less operating costs	19.57	7.63	17.23	5.86	27.38	10.90
Supporting information:						
Production arrangement (% of production) <sup>1/</sup>						
Independent	57	57	72	71	38	42
Under contract	43	43	28	29	62	58
Size of operation (head sold/removed) <sup>1/</sup>						
Market hogs	1,994	2,126	1,706	1,852	982	1,015
Feeder pigs	1,436	1,545	924	1,045	1,668	1,725

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<sup>1/</sup>Developed from survey base year, 1998. <sup>2/</sup>Cwt gain = (cwt sold - cwt purchased) + cwt inventory change. <sup>3/</sup>Value of manure production. <sup>4/</sup>Milk replacer, milk, milk by-products, antibiotics, and other medicated additives. <sup>5/</sup>Costs for odor control and fees, permits, licenses, and other regulatory costs. <sup>6/</sup>Machinery and equipment, and housing, manure handling, and feed storage structures, and breeding herd.

**PRICES PAID BY FARMERS FOR COMMODITIES  
USED IN PRODUCTION, UNITED STATES  
APRIL 2002 - 2004**

Commodity and Unit	2002	2003	2004
	(Dollars)		
<b>FEED:</b>			
Broiler Grower, per ton	259.00	234.00	278.00
Chick Starter, per ton	240.00	241.00	299.00
Laying Feed, complete ration, per ton	225.00	232.00	249.00
Mixed Dairy Feed, per ton, 16% protein	190.00	200.00	218.00
Mixed Dairy Feed, per ton, 18% protein	194.00	207.00	229.00
Mixed Dairy Feed, per ton, 20% protein	191.00	201.00	233.00
Dairy Concentrate, per ton, 32% protein	298.00	311.00	381.00
Mixed Hog Feed, per ton			
14 - 18% protein	216.00	223.00	256.00
Hog Concentrate, per ton			
38 - 42% protein	307.00	322.00	415.00
Beef Cattle Concentrate, per ton			
32 - 36% protein	277.00	290.00	342.00
Alfalfa Meal, per cwt.	14.40	15.00	14.90
Alfalfa Pellets, per cwt.	14.40	15.30	15.20
Bran, per cwt.	13.60	13.70	14.80
Corn Meal, per cwt.	8.06	9.90	9.84
Soybean Meal, per cwt., 44% protein	13.50	14.50	19.60
Cottonseed Meal, per cwt., 41% protein	15.80	16.60	18.40
Molasses, per cwt. (liquid)	12.90	13.30	14.20
Stock Salt, per 50 lbs.	4.12	4.30	4.53
Trace Mineral Blocks, per 50 lbs.	5.24	5.40	5.53
<b>FUEL:</b>			
Gasoline, per gal., including taxes			
Service Station (unleaded)	1.359	1.611	1.750
Bulk Delivery (unleaded)	1.374	1.601	1.760
Diesel Fuel, per gal., Bulk Delivery	0.964	1.238	1.310
L.P. Gas (propane, butane, etc.), per gal.,			
Bulk Delivery	0.925	1.213	1.210
<b>FIELD SEEDS:</b>			
Corn Seed, Hybrid, Biotech, per 80,000 kernels	113.00	115.00	122.00
Corn Seed, Hybrid, Non-Biotech, per 80,000 kernels	85.80	90.90	91.10
Grain Sorghum Seed, Hybrid, per cwt.	96.00	100.00	105.00
Soybean Seed, Biotech, per bu.	27.00	28.80	30.50
Soybean Seed, Non-Biotech, per bu.	15.00	19.60	17.40
Wheat Seed, Winter, per bu.	7.70	8.01	8.26

# KENTUCKY FERTILIZER SALES, 2002 - 2003 <sup>1/</sup>

GRADE	2002 <sup>2/</sup>				2003				03 as % of 02
	Bag	Bulk	Liquid	Total	Bag	Bulk	Liquid	Total	
	(Tons)				(Tons)				
3-18-18	0	25	564	589	7	19	534	560	95
5-10-15	4,906	1,248	153	6,308	4,473	1,122	0	5,595	89
5-15-15	-	-	-	-	47	0	512	559	-
5-20-20	1,156	795	0	1,950	1,129	534	0	1,662	85
6-24-6	0	66	2,166	2,232	1,486	293	215	1,993	89
6-24-24	731	129	0	860	771	48	0	819	95
6-26-26	4	595	0	599	0	635	0	635	106
8-24-3	-	-	-	-	20	591	3,675	4,286	-
9-18-9	-	-	-	-	0	36	1,467	1,503	-
9-18-27	829	1,330	0	2,159	1,004	1,398	0	2,402	111
9-23-30	42	1,283	0	1,326	30	3,724	0	3,755	283
10-10-10	11,203	549	275	12,027	10,753	430	124	11,307	94
10-20-20	3,352	157	3	3,511	3,743	16	8	3,767	107
12-12-12	1,188	68	3	1,259	1,426	41	0	1,467	117
12-24-24	175	533	0	709	260	579	0	839	118
14-14-14	1,009	16	0	1,025	1,051	0	0	1,051	103
15-0-14	681	75	0	756	898	59	0	957	127
15-15-15	1,541	425	198	2,164	1,428	393	68	1,889	87
16-27-14	880	173	0	1,053	827	0	0	827	79
17-17-17	61	1,594	0	1,655	42	2,103	0	2,145	130
19-3-5	-	-	-	-	522	0	0	522	-
19-19-19	12,732	14,695	443	27,870	13,473	13,615	643	27,732	100
20-10-10	437	78	0	515	589	85	0	673	131
20-13-20	15	903	0	918	9	891	0	900	98
22-20-0	583	28	0	610	779	10	0	789	129
27-13-13	43	972	1	1,016	145	984	0	1,128	111
28-3-3	-	-	-	-	1,889	0	0	1,889	-
30-3-4	-	-	-	-	763	0	0	763	-
30-3-6	554	0	0	554	-	-	-	-	-
30-10-10	181	864	0	1,044	89	722	0	811	78
82-0-0 (Anh Amm)	0	520	59,584	60,103	0	101	60,089	60,190	100
34-0-0 (Amm Nit)	17,194	48,561	44	65,798	19,355	60,672	0	80,027	122
21-0-0 (Amm Sul)	117	817	23	958	166	612	14	792	83
28-0-0 (N Soln)	0	256	35,695	35,951	0	52	40,440	40,491	113
30-0-0 (N Soln)	0	9	15,782	15,791	0	0	13,229	13,229	84
32-0-0 (N Soln)	0	0	65,351	65,351	0	2,358	68,835	71,194	109
16-0-0 (Sod Nit)	-	-	-	-	560	50	0	610	-
46-0-0 (Urea)	2,939	106,007	10	108,957	3,576	100,042	4	103,622	95
18-46-0 (DAP)	3,372	147,483	0	150,856	3,600	162,508	0	166,109	110
11-52-0 (MAP)	70	12,088	2	12,160	0	12,650	0	12,650	104
10-34-0	0	72	6,552	6,624	75	387	5,327	5,789	87
0-23-30	-	-	-	-	0	1,098	0	1,098	-
0-46-0 (TSP)	260	10,812	0	11,072	211	9,571	0	9,782	88
0-0-60 (MP)	2,471	164,234	0	166,705	2,529	171,397	0	173,926	104
0-0-62 (MP)	60	1,299	0	1,359	387	1,425	0	1,812	133
0-0-22 (SPM)	17	746	0	764	42	1,005	0	1,047	137
0-0-50 (Sul Pot)	489	19,977	0	20,466	492	24,947	5	25,444	124
0.5-0.5-0.5	5,138	120	0	5,258	5,635	40	0	5,675	108
0.14-0.14-0.1	-	-	-	-	1,365	0	0	1,365	-
Miscellaneous <sup>3/</sup>	4,284	20,877	1,115	26,276	5,186	16,697	115	21,999	84
Under 500 Tons	16,880	12,198	2,987	32,064	15,983	13,126	1,138	30,247	94
Other <sup>4/</sup>	2,971	1,299	4,064	8,334	4,969	63	7,454	12,486	150
TOTAL <sup>5/</sup>	98,565	573,975	195,015	867,554	111,786	607,130	203,896	922,811	106

<sup>1/</sup>Data collected by Division of Regulatory Services, University of Kentucky. Fertilizer sales are based on tonnage reports from manufacturers. (-)Included in Under 500 Tons. <sup>2/</sup>Revised. <sup>3/</sup>Includes minor nutrients, filler when reported separately & other fertilizers of unspecified composition. <sup>4/</sup>Over 500 tons but less than 3 shippers. <sup>5/</sup>Excludes lime. Totals may not add due to rounding.

**CORN: AGRICULTURAL CHEMICAL APPLICATIONS, KENTUCKY, 2003 <sup>1/</sup>**

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	(Percent)	(Number)	(Pounds per Acre)		(1,000 Lbs)
Herbicides:					
2,4-D	6	1.0	0.37	0.37	24
Acetochlor	6	1.0	1.59	1.59	120
Atrazine	81	1.0	1.32	1.43	1,358
Dicamba, Dimet, salt	4	1.0	0.08	0.08	4
Di flufenzopyr-sodium	5	1.0	0.04	0.04	2
Glyphosate	24	1.1	0.82	0.90	251
Imazapyr	23	1.0	0.002	0.002	1
Imazethapyr	23	1.0	0.006	0.006	2
Mesotrione	10	1.0	0.12	0.12	15
Metolachlor	14	1.0	1.51	1.51	239
Nicosulfuron	16	1.0	0.02	0.02	4
Paraquat	16	1.0	0.42	0.43	78
Rimsulfuron	13	1.0	0.009	0.01	2
S-Metolachlor	16	1.0	1.28	1.37	261
Simazine	17	1.0	1.24	1.24	249
Insecticides:					
Bifenthrin	4	1.0	0.04	0.04	2
Lambda-cyhalothrin	3	1.0	0.03	0.03	1

<sup>1/</sup>Planted acres in 2003 for Kentucky were 1.2 million acres.

**CORN: FERTILIZER USE BY STATE, 2003**  
**PERCENT OF ACRES TREATED AND TOTAL AMOUNT APPLIED**

State	Planted Acreage	Percent of Acres Treated and Total Applied					
		Nitrogen		Phosphate		Potash	
	(1,000 Acres)	(%)	(Mil. Lbs)	(%)	(Mil. Lbs)	(%)	(Mil. Lbs)
Colorado	1,080	89	138.2	59	30.0	31	8.3
Illinois	11,200	98	1,758.5	83	751.4	78	963.9
Indiana	5,600	99	854.4	85	376.4	83	640.0
Iowa	12,400	93	1,544.3	59	468.6	65	670.6
Kansas	2,900	99	453.9	81	92.7	30	33.5
<b>Kentucky</b>	<b>1,170</b>	<b>98</b>	<b>189.0</b>	<b>83</b>	<b>81.0</b>	<b>78</b>	<b>76.1</b>
Michigan	2,300	99	281.8	86	95.3	88	201.6
Minnesota	7,200	95	835.9	89	309.2	73	349.2
Missouri	2,900	99	482.2	91	162.0	88	210.7
Nebraska	8,100	95	1,005.1	76	232.1	25	39.3
New York	1,000	98	81.7	81	43.3	75	50.9
North Carolina	740	99	95.9	89	37.9	86	61.8
North Dakota	1,450	98	157.2	87	62.8	37	20.0
Ohio	3,300	100	538.6	91	225.7	85	284.6
Pennsylvania	1,450	91	98.6	72	52.2	66	33.5
South Dakota	4,400	92	396.5	78	159.8	25	27.9
Texas	1,830	98	261.4	85	70.9	37	17.1
Wisconsin	3,750	99	380.1	90	138.6	89	233.6
<b>TOTAL</b>	<b>72,770</b>	<b>96</b>	<b>9,553.3</b>	<b>79</b>	<b>3,389.9</b>	<b>64</b>	<b>3,922.6</b>

## USUAL PLANTING AND HARVESTING DATES

CROPS	USUAL PLANTING DATES	USUAL HARVESTING DATES			PRINCIPAL PRODUCING DIST. OR COUNTIES
		Begin	Most Active	End	
Corn <u>1</u> /	Apr. 5 - June 5	Aug. 25	9/5 - 10/7	Nov. 15	Statewide
Soybeans	Apr. 30 - July 2	Sept. 20	10/2 - 11/5	Nov. 20	Districts 1, 2, 3
Tobacco <u>2</u> / Burley - Type 31	May 5 - June 25	Aug. 8	8/15 - 9/16	Oct. 2	Statewide
Dark Fired - Type 22	May 5 - June 25	Aug. 10	8/18 - 9/17	Oct. 2	Christian, Todd, Trigg
Dark Fired - Type 23	May 5 - June 25	Aug. 10	8/18 - 9/17	Oct. 2	Calloway, Graves
One Sucker - Type 35	May 5 - June 25	Aug. 10	8/18 - 9/17	Oct. 2	Logan, Graves, Simpson, Todd
Green River - Type 36	May 5 - June 25	Aug. 10	8/18 - 9/17	Oct. 2	Daviess, McLean, Henderson, Webster
Winter Wheat	Sept. 29 - Nov. 16	June 8	6/15 - 6/28	July 10	Districts 1, 2, 3
Barley	Sept. 25 - Oct. 20	June 1	6/5 - 6/15	June 25	District 2
Sorghum Grain	May 10 - July 1	Sept. 25	10/10 - 11/10	Nov. 15	District 2
Alfalfa Hay		May 5	5/15 - 9/1	Sept. 15	Districts 3, 5
All Other Hay		May 15	6/1 - 9/1	Oct. 10	Districts 2, 3, 4, 5, 6
Apples		June 25	9/1 - 10/15	Oct. 30	Daviess, Greenup, Hardin, Harlan, Laurel, Lyon, Pulaski, Scott, Warren, Woodford
Peaches		July 1	7/10 - 8/20	Aug. 30	Daviess, Christian, Graves, Pulaski Trimble, Warren

1/Dates refer to corn Harvested for Grain. 2/Planting dates refer to tobacco set in the field.



## BEES AND HONEY

Honey production from producers with five or more colonies in Kentucky during 2003 totaled 240,000 pounds, down 11 percent from 2002. Producers harvested honey from 5,000 colonies in 2003, unchanged from a year earlier. Each colony produced an average of 48 pounds of honey during 2003, compared to 54 pounds in 2002. Prices for the 2003 honey crop averaged \$1.64 per pound, up one cent from the 2002 average of \$1.63. Prices are based on retail sales by producers and sales to private processors and co-ops. Kentucky producers had 14,000 pounds of honey for sale on December 15, 2003, compared with 78,000 pounds on hand the previous year.

United States honey production in 2003 from producers with five or more colonies totaled 181 million pounds, up 5 percent from 2002. There were 2.59 million colonies producing honey in 2003, up 1 percent from 2002. Yield per colony averaged 69.9 pounds, up 5 percent from the 66.7 pounds in 2002. Producer honey stocks were 40.7 million pounds on December 15, 2003, up 3 percent from a year earlier. Stocks held by producers exclude stocks held under the commodity loan program. Prices increased to a record high during 2003 to 140.4 cents, up 6 percent from 132.7 cents in 2002.

### KENTUCKY NUMBER OF COLONIES, PRODUCTION, STOCKS AND VALUE 1980 - 2003 <sup>1/</sup>

Year	Number of Colonies	Yield per Colony	Production	Stocks Dec. 15	Average Price Per Pound	Value of Production
	(1,000)	(Pounds)	(1,000 Pounds)	(1,000 Pounds)	(Cents)	(1,000 Dollars)
1980	52	27	1,404	216	95.3	1,338
1981	56	21	1,176	200	110.0	1,294
1986 <sup>2/</sup>	15	15	225	86	98.0	221
1987	14	25	350	147	96.0	336
1988	12	40	480	202	106.0	509
1989	12	29	348	132	108.0	376
1990	8	44	352	127	92.0	324
1991	7	25	175	88	96.0	168
1992	4	30	120	54	74.0	89
1993	4	60	240	89	84.0	202
1994	3	54	162	57	98.0	159
1995	3	44	132	30	102.0	135
1996	3	60	180	23	127.0	229
1997	3	60	180	54	148.0	266
1998	3	50	150	51	140.0	210
1999	3	50	150	12	124.0	186
2000 <sup>3/</sup>	4	48	192	54	135.0	259
2001 <sup>3/</sup>	4	78	312	125	141.0	440
2002 <sup>3/</sup>	5	54	270	78	163.0	440
<b>2003</b>	<b>5</b>	<b>48</b>	<b>240</b>	<b>14</b>	<b>164.0</b>	<b>394</b>

<sup>1/</sup>Estimates discontinued 1982-1985. <sup>2/</sup>Beginning in 1986, estimates are for beekeepers with 5 or more hives; prior to 1986, estimates covered all beekeepers. <sup>3/</sup>Revised.

## COUNTY RANKINGS: KENTUCKY'S LEADING AGRICULTURAL COUNTIES

Item	1	2	3	4	5	6	7	8	9	10
<b>2003 Farm Cash Receipts:</b>										
Total	Woodford	Fayette	Graves	Bourbon	Webster	Christian	Hickman	McLean	Todd	Logan
Crops	Christian	Logan	Daviess	Graves	Henderson	Todd	Union	Calloway	Simpson	McLean
Livestock	Woodford	Fayette	Graves	Bourbon	Webster	Hickman	Jessamine	Muhlenberg	Barren	McLean
<b>2003 Crop Production:</b>										
Corn for Grain	Christian	Union	Logan	Henderson	Graves	Daviess	Todd	Simpson	McLean	Hickman
Soybeans	Daviess	Henderson	Graves	Christian	Fulton	Logan	McLean	Union	Hickman	Todd
Winter Wheat	Christian	Logan	Todd	Simpson	Calloway	Graves	Hickman	Warren	Fulton	Trigg
Burley Tobacco	Bourbon	Fayette	Shelby	Woodford	Scott	Barren	Harrison	Madison	Henry	Mason
Dark-Air Tobacco	Logan	Daviess	Graves	Simpson	Todd	McLean	Webster	Henderson	Hopkins	Calloway
Dark-Fire Tobacco	Calloway	Graves	Christian	Trigg	Todd	Logan	Muhlenberg	Caldwell	Lyon	Carlisle
Alfalfa Hay	Fleming	Lincoln	Barren	Shelby	Hart	Mercer	Henry	Mason	Nelson	Hardin
Other Hay <sup>1/</sup>	Madison	Pulaski	Barren	Breckinridge	Warren	Nelson	Adair	Allen	Grayson	Casey
Sorghum	Hopkins	Henderson	Union	Webster	Daviess	McLean	Muhlenberg	Crittenden	-	-
Barley	Logan	Simpson	Todd	-	-	-	-	-	-	-
<b>Livestock, Dairy &amp; Poultry:</b>										
Cattle & Calves, Jan. 1, 2004	Barren	Warren	Pulaski	Allen	Madison	Bourbon	Monroe	Lincoln	Clark	Adair
Beef Cows, Jan. 1, 2004 <sup>2/</sup>	Barren	Warren	Pulaski	Madison	Bourbon	Breckinridge	Allen	Monroe	Hart	Lincoln
Milk Cows, Jan. 1, 2004 <sup>3/</sup>	Barren	Adair	Fleming	Lincoln	Metcalfe	Nelson	Marion	Monroe	Pulaski	Warren
Milk Prod., 2003	Barren	Adair	Fleming	Marion	Metcalfe	Lincoln	Logan	Warren	Christian	Nelson
Poultry, 2003	Graves	Webster	Hickman	McLean	Ohio	Muhlenberg	Wayne	Calloway	Hopkins	Todd
<b>2002 Farms</b>	Barren	Pulaski	Warren	Hardin	Graves	Grayson	Shelby	Breckinridge	Nelson	Madison
<b>2002 Cropland</b>	Christian	Graves	Daviess	Logan	Union	Warren	Barren	Henderson	Hardin	Breckinridge

<sup>1/</sup>Adair and Allen tied for 7th. <sup>2/</sup>Allen and Monroe tied for 7th. <sup>3/</sup>Pulaski and Warren tied for 9th.

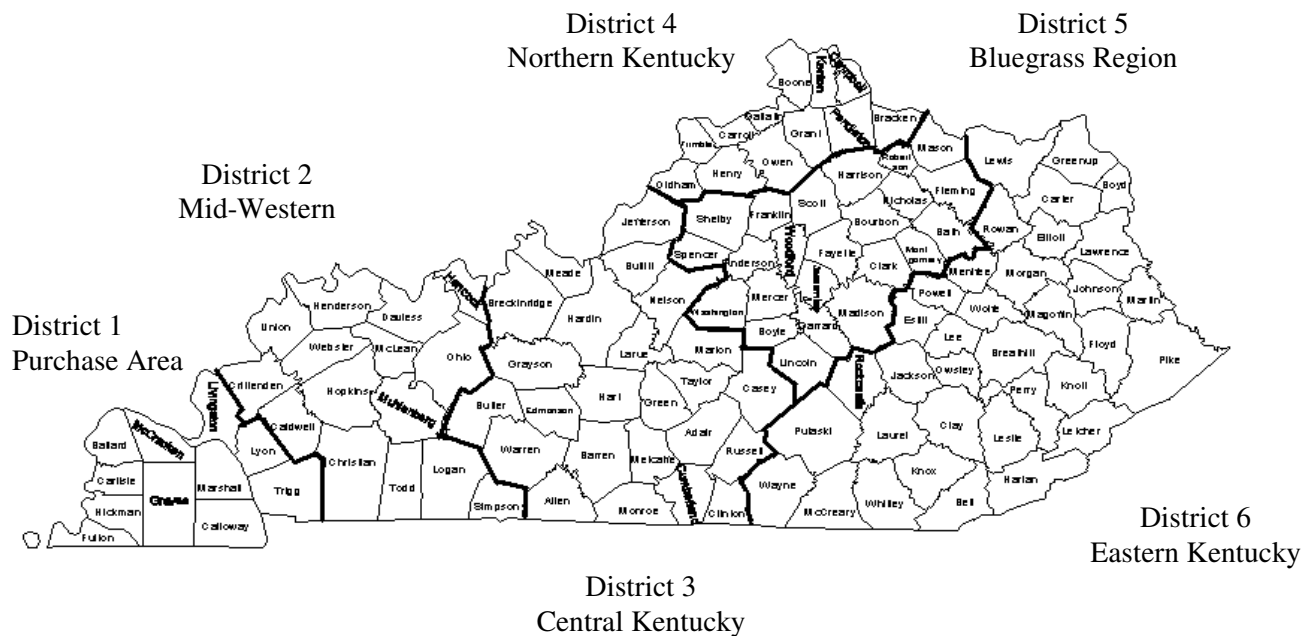
## COUNTY DATA

The following section highlights each county in Kentucky. Crops produced, livestock inventories, milk production, and agricultural cash receipts are displayed with the appropriate rank among all counties. Data published here are available elsewhere in this bulletin, but this should aid data users interested in

certain counties. Also, included for each county are 1997 and 2002 agricultural census data for number of farms, land in farms and harvested cropland acres.

Below is a table with data for the entire State, including Kentucky's ranking nationwide. On succeeding pages each county is listed alphabetically.

### KENTUCKY AGRICULTURAL STATISTICS DISTRICTS



### KENTUCKY DATA RANK IN UNITED STATES

CENSUS	FARMS	ACRES IN FARMS	HARVESTED CROPLAND	
1997	91,198	13,940,180	4,853,500	
2002	86,541	13,843,706	4,978,994	

2003 CROPS	ACRES HARV.	YIELD	PRODUCTION	RANK	LIVESTOCK & MILK	NUMBER	RANK
CORN FOR GRAIN, BU	1,080,000	137.0	147,960,000	13	JAN 1, 04 ALL CATTLE & CALVES	2,320,000	13
SOYBEANS, BU	1,240,000	43.0	53,320,000	14	JAN 1, 04 BEEF COWS	1,128,000	8
W. WHEAT FOR GRAIN, BU	330,000	62.0	20,460,000	18	DEC 1, 03 ALL HOGS & PIGS	380,000	18
GRAIN SORGHUM, BU	32,000	95.0	3,040,000	13	03 MILK PRODUCTION, (000) LBS	1,464,000	24
BURLEY TOBACCO, LBS	103,000	1,925	198,275,000	1			
DARK FIRED TOBACCO, LBS	5,100	3,301	16,833,000	1/			
DARK AIR TOBACCO, LBS	3,550	2,798	9,934,000	1			
ALFALFA HAY, TONS	250,000	3.50	875,000	27			
ALL OTHER HAY, TONS	2,200,000	2.50	5,500,000	3			
BARLEY FOR GRAIN, BU	8,000	75.0	600,000	21			

CASH RECEIPTS	DOLLARS	RANK
	(000)	
2003 CROPS	1,243,300	28
2003 LIVESTOCK	2,225,703	16
2003 TOTAL	3,469,002 2/	24

1/ Type 22 - Ky. Ranked #2, Type 23 - Ky. Ranked #1. 2/ May not sum due to rounding.

State

<a href="#">Adair</a>	<a href="#">Breathitt</a>	<a href="#">Clark</a>	<a href="#">Franklin</a>	<a href="#">Harrison</a>	<a href="#">Knox</a>	<a href="#">McCracken</a>	<a href="#">Metcalf</a>	<a href="#">Perry</a>	<a href="#">Taylor</a>
<a href="#">Allen</a>	<a href="#">Breckinridge</a>	<a href="#">Clay</a>	<a href="#">Fulton</a>	<a href="#">Hart</a>	<a href="#">LaRue</a>	<a href="#">McCreary</a>	<a href="#">Monroe</a>	<a href="#">Pike</a>	<a href="#">Todd</a>
<a href="#">Anderson</a>	<a href="#">Bullitt</a>	<a href="#">Clinton</a>	<a href="#">Gallatin</a>	<a href="#">Henderson</a>	<a href="#">Laurel</a>	<a href="#">McLean</a>	<a href="#">Montgomery</a>	<a href="#">Powell</a>	<a href="#">Trigg</a>
<a href="#">Ballard</a>	<a href="#">Butler</a>	<a href="#">Crittenden</a>	<a href="#">Garrard</a>	<a href="#">Henry</a>	<a href="#">Lawrence</a>	<a href="#">Madison</a>	<a href="#">Morgan</a>	<a href="#">Pulaski</a>	<a href="#">Trimble</a>
<a href="#">Barren</a>	<a href="#">Caldwell</a>	<a href="#">Cumberland</a>	<a href="#">Grant</a>	<a href="#">Hickman</a>	<a href="#">Lee</a>	<a href="#">Magoffin</a>	<a href="#">Muhlenberg</a>	<a href="#">Robertson</a>	<a href="#">Union</a>
<a href="#">Bath</a>	<a href="#">Calloway</a>	<a href="#">Davies</a>	<a href="#">Graves</a>	<a href="#">Hopkins</a>	<a href="#">Leslie</a>	<a href="#">Marion</a>	<a href="#">Nelson</a>	<a href="#">Rockcastle</a>	<a href="#">Warren</a>
<a href="#">Bell</a>	<a href="#">Campbell</a>	<a href="#">Edmonson</a>	<a href="#">Grayson</a>	<a href="#">Jackson</a>	<a href="#">Letcher</a>	<a href="#">Marshall</a>	<a href="#">Nicholas</a>	<a href="#">Rowan</a>	<a href="#">Washington</a>
<a href="#">Boone</a>	<a href="#">Carlisle</a>	<a href="#">Elliott</a>	<a href="#">Green</a>	<a href="#">Jefferson</a>	<a href="#">Lewis</a>	<a href="#">Martin</a>	<a href="#">Ohio</a>	<a href="#">Russell</a>	<a href="#">Wayne</a>
<a href="#">Bourbon</a>	<a href="#">Carroll</a>	<a href="#">Estill</a>	<a href="#">Greenup</a>	<a href="#">Jessamine</a>	<a href="#">Lincoln</a>	<a href="#">Mason</a>	<a href="#">Oldham</a>	<a href="#">Scott</a>	<a href="#">Webster</a>
<a href="#">Boyd</a>	<a href="#">Carter</a>	<a href="#">Fayette</a>	<a href="#">Hancock</a>	<a href="#">Johnson</a>	<a href="#">Livingston</a>	<a href="#">Meade</a>	<a href="#">Owen</a>	<a href="#">Shelby</a>	<a href="#">Whitley</a>
<a href="#">Boyle</a>	<a href="#">Casey</a>	<a href="#">Fleming</a>	<a href="#">Hardin</a>	<a href="#">Kenton</a>	<a href="#">Logan</a>	<a href="#">Menifee</a>	<a href="#">Owsley</a>	<a href="#">Simpson</a>	<a href="#">Wolfe</a>
<a href="#">Bracken</a>	<a href="#">Christian</a>	<a href="#">Floyd</a>	<a href="#">Harlan</a>	<a href="#">Knott</a>	<a href="#">Lyon</a>	<a href="#">Mercer</a>	<a href="#">Pendleton</a>	<a href="#">Spencer</a>	<a href="#">Woodford</a>

## Crops, Livestock, and Cash Receipts for Kentucky Counties

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<a href="#">p125.pdf</a>	BOURBON	BOYD	BOYLE	BRACKEN
<a href="#">p126.pdf</a>	BREATHITT	BRECKINRIDGE	BULLITT	BUTLER
<a href="#">p127.pdf</a>	CALDWELL	CALLOWAY	CAMPBELL	CARLISLE
<a href="#">p128.pdf</a>	CARROLL	CARTER	CASEY	CHRISTIAN
<a href="#">p129.pdf</a>	CLARK	CLAY	CLINTON	CRITTENDEN
<a href="#">p130.pdf</a>	CUMBERLAND	DAVIESS	EDMONSON	ELLIOTT
<a href="#">p131.pdf</a>	ESTILL	FAYETTE	FLEMING	FLOYD
<a href="#">p132.pdf</a>	FRANKLIN	FULTON	GALLATIN	GARRARD
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<a href="#">p134.pdf</a>	GREENUP	HANCOCK	HARDIN	HARLAN
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<a href="#">p139.pdf</a>	LEE	LESLIE	LETCHER	LEWIS
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Athens 30601  
(800) 253-4419

**HAWAII** M. Hudson, State Dept of  
Agr Bldg, 1428 S King St,  
Honolulu 96814  
(800) 804-9514

**IDAHO** D. G. Gerhardt,  
PO Box 1699, Boise 83701  
(800) 691-9987

**ILLINOIS** B. E. Schwab, PO Box  
19283, Springfield 62794  
(800) 622-9865

**INDIANA** G. Preston, 1435 Win  
Hentschel Blvd, Ste B105,  
West Lafayette 47906  
(800) 363-0469

**IOWA** J. K. Sands, 833 Federal Bldg,  
210 Walnut St, Des Moines 50309  
(800) 772-0825

**KANSAS** E. J. Thiessen,  
PO Box 3534, Topeka 66601  
(800) 258-4564

**LOUISIANA** A. D. Frank, PO Box  
65038, Baton Rouge 70896  
(800) 256-4485

**MARYLAND** N. Bennett, 50 Truman  
Pky Ste 202, Annapolis 21401  
(800) 675-0295

**MICHIGAN** D. D. Kleweno,  
PO Box 26248, Lansing 48909  
(800) 453-7501

**MINNESOTA** D. A. Hartwig,  
PO Box 7068, St. Paul 55107  
(800) 453-7502

**MISSISSIPPI** T. L. Gregory,  
PO Box 980, Jackson 39205  
(800) 535-9609

**MISSOURI** G. W. Danekas,  
PO Box L, Columbia 65205  
(800) 551-1014

**MONTANA** P. Stringer,  
10 W 15th, Ste 3100, Helena 59626  
(800) 835-2612

**NEBRASKA** J. M. Harris,  
PO Box 81069, Lincoln 68501  
(800) 582-6443

**NEVADA** M. J. Owens,  
PO Box 8880, Reno 89507  
(888) 456-7211

**NEW ENGLAND 1/**  
A. R. Davis, PO Box 1444,  
Concord, NH 03302  
(800) 642-9571

**NEW JERSEY** B. L. Cross,  
P O Box 330, Trenton 08625  
(800) 328-0179

**NEW MEXICO** D. C. Nelson,  
PO Box 1809, Las Cruces 88004  
(800) 530-8810

**NEW YORK** S. C. Ropel,  
10B Airline Dr, Albany 12235  
(800) 821-1276

**NORTH CAROLINA** R. M. Murphy,  
PO Box 27767, Raleigh 27611  
(800) 437-8451

**NORTH DAKOTA** D. P. Knopf,  
PO Box 3166, Fargo 58108  
(800) 626-3134

**OHIO** J. E. Ramey, PO Box 686,  
Reynoldsburg 43068  
(800) 858-8144

**OKLAHOMA** B. L. Bloyd, 2800 N  
Lincoln Blvd, Oklahoma City 73105  
(888) 525-9226

**OREGON** J. A. Goodwin, 1735 Fed.  
Bldg, 1220 SW 3rd Ave, Portland  
97204  
(800) 338-2157

**PENNSYLVANIA** M. Tosiano,  
2301 N Cameron St, Room G-19,  
Harrisburg 17110  
(800) 498-1518

**PUERTO RICO** A. M. Cruz,  
PO Box 10163, Santurce 00908  
1-787-723-3773

**SOUTH CAROLINA** R. A. Graham,  
PO Box 1911, Columbia 29202  
(800) 424-9406

**SOUTH DAKOTA** C. D. Anderson,  
PO Box 5068, Sioux Falls 57117  
(800) 338-2557

**TENNESSEE** D. K. Kenerson,  
PO Box 41505, Nashville 37204  
(800) 626-0987

**TEXAS** R. O. Roark,  
PO Box 70, Austin 78767  
(800) 626-3142

**UTAH** R. Kestle, PO Box 25007,  
Salt Lake City 84125  
(800) 747-8522

**VIRGINIA** K. L. Barnes,  
PO Box 1659, Richmond 23218  
(800) 772-0670

**WASHINGTON** R. Garibay,  
PO Box 609, Olympia 98507  
(800) 435-5883

**WEST VIRGINIA** D. King, 1900  
Kanawha Blvd E, Charleston 25305  
(800) 535-7088

**WISCONSIN** R. J. Battaglia,  
PO Box 8934, Madison 53708  
(800) 789-9277

**WYOMING** D. W. Coulter,  
PO Box 1148, Cheyenne 82003  
(800) 892-1660

1/For Connecticut, Maine, Massachusetts,  
New Hampshire, Rhode Island and  
Vermont, see NEW ENGLAND.

# COUNTY EXTENSION AND USDA SERVICE CENTERS

COUNTY	COUNTY EXTENSION OFFICE			COUNTY USDA SERVICE CENTER	
	CITY	COUNTY AGENT	TELEPHONE NO.	FSA, CED	TELEPHONE NO.
ADAIR	Columbia	David Herbst	270-384-2317	Terry M. Partin	270-384-6431
ALLEN	Scottsville	John Osborne	270-237-3146	Robert Montgomery	270-237-3180
ANDERSON	Lawrenceburg	Tommy Yankey	502-839-7271	Marna Bollinger	502-839-5581
BALLARD	LaCenter	Tom Miller	270-665-9118	William E. Birney	270-665-5666
BARREN	Glasgow	Gary Tilghman	270-651-3818	E. Jeff Houchins	270-678-1081
BATH	Owingsville	Gary Hamilton	606-674-6121	Charles Huber	606-674-2841
BELL	Pineville	Stacy White	606-337-2376	Dana McKinney	606-546-3373
BOONE	Burlington	Jerry Brown	859-586-6101	Kim Kinman	859-586-6175
BOURBON	Paris	Glenn Mackie	859-987-1895	Curtis Cole	859-987-1295
BOYD	Catlettsburg	Lyndall Harned	606-739-5184	Carla D. Whitaker	606-474-5183
BOYLE	Danville	Jerry Little	859-236-4484	Woodie Leavell	859-236-4062
BRACKEN	Brooksville	David Appelman	606-735-2141	John Scott	606-735-3107
BREATHITT	Jackson	Lowell Hamilton	606-666-8812	Vacant	606-666-5105
BRECKINRIDGE	Hardinsburg	Carol Hinton	270-756-2182	Kenneth Thornhill	270-756-5263
BULLITT	Shepherdsville	Darold Akridge	502-543-2257	Jeanie M. Williams	502-538-2221
BUTLER	Morgantown	Greg Drake	270-526-3767	Tim Taylor	270-526-3765
CALDWELL	Princeton	Vacant	270-365-2787	Jeff Boone	270-365-6530
CALLOWAY	Murray	Robert Weatherly	270-753-1452	David Riley, Jr.	270-753-1781
CAMPBELL	Highland Heights	Don Sorrell	859-572-2600	Kim Kinman	859-586-6175
CARLISLE	Bardwell	Carla Creasey	270-628-5458	Jimmy Owens	270-628-5453
CARROLL	Carrollton	Tim Hendrick	502-732-7030	Michael Benton	502-732-6931
CARTER	Grayson	Myron Evans	606-474-6686	Carla D. Whitaker	606-474-5183
CASEY	Liberty	Steven Heightchew	606-787-7384	Barry Turpen	606-787-6581
CHRISTIAN	Hopkinsville	Jay Stone	270-886-6328	Coy Higdon	270-885-5066
CLARK	Winchester	Frank Hicks	859-744-4682	Rita Barlow	859-745-2828
CLAY	Manchester	Jeff Casada	606-598-2789	Dana McKinney	606-546-3373
CLINTON	Albany	Sam Smith	606-387-5404	H. Carter Maupin	606-387-5976
CRITTENDEN	Marion	Thomas Moore	270-965-5236	Susan Dewitt	270-965-3723
CUMBERLAND	Burkesville	Greg Tompkins	270-864-2681	Russell Means	270-864-3385
DAVIESS	Owensboro	Clint Hardy	270-685-8480	Dan Styke	270-684-9286
EDMONSON	Brownsville	Vacant	270-597-3628	Donald Dunn	270-843-1111
ELLIOTT	Sandy Hook	Ben Meredith	606-738-6400	Carla D. Whitaker	606-474-5183
ESTILL	Irvine	Eric Baker	606-723-4557	Oliver Duncan	606-723-5102
FAYETTE	Lexington	Nick Carter	859-257-5582	David Duke	859-233-0194
FLEMING	Flemingsburg	C. Michael Jackson	606-845-4641	Regina Rose	606-845-4841
FLOYD	Prestonsburg	Ray Tackett	606-886-2668	Kathi Sparks	606-789-3766
FRANKLIN	Frankfort	Keenan Bishop	502-695-9035	Rita C. Jones	502-695-5203
FULTON	Hickman	Richard Kenimer	270-236-2351	Lilly Kimbell	270-236-2084
GALLATIN	Warsaw	David Hull	859-567-5481	Michael Benton	502-732-6931
GARRARD	Lancaster	Mike Carter	859-792-3026	Woodie Leavell	859-792-2661
GRANT	Williamstown	Chris Ammerman	859-824-3355	Jim Furnish	859-824-4101
GRAVES	Mayfield	William Green	270-247-2334	Donnie Caldwell	270-247-9525
GRAYSON	Leitchfield	Jack Ewing	270-259-3492	James Thomason, Jr.	270-259-3716
GREEN	Greensburg	Brian Newman	270-932-5311	Debbie Wakefield	270-932-4961
GREENUP	Greenup	Linda Sexton	606-473-9881	John Feters	606-473-7017
HANCOCK	Hawesville	Diane Perkins	270-927-6618	Carol Owens	270-927-6336
HARDIN	Elizabethtown	Grusy & Shepherd	270-765-4121	John Goff	270-765-2702
HARLAN	Harlan	Jeremy Williams	606-573-4464	Dana McKinney	606-546-3373
HARRISON	Cynthiana	Gary Carter	859-234-5510	Philip B. Sims	859-234-2646
HART	Munfordville	Chris Clark	270-524-2451	Mary White Mills	270-524-5631
HENDERSON	Henderson	Michael Smith	270-826-8387	Joyce Logsdon	270-826-3450
HENRY	New Castle	Steve Moore	502-845-2811	Dennis Campbell	502-845-2820
HICKMAN	Clinton	Darian Irvan	270-653-2231	Lilly Kimbell	270-653-2721
HOPKINS	Madisonville	George Kelley	270-821-3650	Debra Gale Rudd	270-821-4430
JACKSON	McKee	Jeff Henderson	606-287-7693	Wanda Sue Hignite	606-287-8311
JEFFERSON	Louisville	Alberto Sanchez	502-569-2344	Jeanie M. Williams	502-538-2221
JESSAMINE	Nicholasville	Robert Amburgey	859-885-4811	Mitchell Dunn	859-887-2461
JOHNSON	Paintsville	Brian Jeffers	606-789-8108	Kathi Sparks	606-789-3766
KENTON	Covington	Benjamin Hale	859-356-3155	Kim Kinman	859-586-6175
KNOTT	Hindman	Keith Hackworth	606-785-5329	Rosalind Sharon Boggs	606-436-5688



# COUNTY EXTENSION AND USDA SERVICE CENTERS

COUNTY	COUNTY EXTENSION OFFICE			COUNTY USDA SERVICE CENTER	
	CITY	COUNTY AGENT	TELEPHONE NO.	FSA, CED	TELEPHONE NO.
KNOX	Barbourville	Wayne Kirby	606-546-3447	Dana McKinney	606-546-3373
LARUE	Hodgenville	David Harrison	270-358-3401	George W. Shirley	270-358-3131
LAUREL	London	Glenn Williams	606-864-4167	Tommy Smith	606-864-2172
LAWRENCE	Louisa	John Sparks	606-638-9495	Carla D. Whitaker	606-474-5183
LEE	Beattyville	Todd Holbrook	606-464-2759	David B. Kash	606-464-2658
LESLIE	Hyden	W. Ray Wilson	606-672-2154	Rosalind Sharon Boggs	606-436-5688
LETCHER	Whitesburg	Shad Baker	606-633-2362	Rosalind Sharon Boggs	606-436-5688
LEWIS	Vanceburg	Richard Bowling	606-796-2732	Regina Rose	606-796-3866
LINCOLN	Stanford	Dan Grigson	606-365-2459	Paul E. Hall	606-365-2588
LIVINGSTON	Smithland	Jason P'Pool	270-928-2168	Susan Dewitt	270-988-2180
LOGAN	Russellville	Chris Milam	270-726-6323	Winston Woodward	270-726-3006
LYON	Eddyville	Vacant	270-388-2341	Jeff Boone	270-365-6530
MCCRACKEN	Paducah	Doug Wilson	270-554-9520	Lori Newton	270-554-7264
MCCREARY	Whitley City	Greg Whitis	606-376-2524	Janice P. Sweet	606-549-1220
MCLEAN	Calhoun	Greg Henson	270-273-3690	Larry Kirkland	270-273-3922
MADISON	Richmond	John Wilson	859-623-4072	Oliver Duncan	859-624-1980
MAGOFFIN	Salyersville	Russell Sparks	606-349-3216	Donna Elam	606-743-3410
MARION	Lebanon	Edward Lanham	270-692-2421	Charles Pat Spalding	270-692-3341
MARSHALL	Benton	Lincoln Martin	270-527-3285	David Gilland	270-527-3231
MARTIN	Inez	Roger Mollette	606-298-7742	Kathi Sparks	606-789-3766
MASON	Maysville	William Peterson	606-564-6808	Mary Lloyd Allison	606-759-5763
MEADE	Brandenburg	Andy Mills	270-422-4958	Ken Thornhill	270-422-3188
MENIFEE	Frenchburg	David Cooper	606-768-3866	Daniel B. Razor III	859-498-5487
MERCER	Harrodsburg	Tony Shirley	859-734-4378	Carolyn Morris	859-734-4326
METCALFE	Edmonton	Brandon Bell	270-432-3561	Debbie Wakefield	270-432-3191
MONROE	Tompkinsville	James Lyons	270-487-5504	Dawn Ovesen	270-487-6528
MONTGOMERY	Mt. Sterling	Ron Catchen	859-498-8741	Daniel B. Razor III	859-498-5487
MORGAN	West Liberty	Christopher Lindon	606-743-3292	Donna Elam	606-743-3410
MUHLENBERG	Greenville	Darrell Simpson	270-338-3124	J. Tim Taylor	270-338-3741
NELSON	Bardstown	Ron Bowman	502-348-9204	Bob Friel	502-348-8664
NICHOLAS	Carlisle	Mike Phillips	859-289-2312	Curtis Cole	859-987-1295
OHIO	Hartford	Greg Comer	270-298-7441	Larry Clayton	270-298-3643
OLDHAM	LaGrange	Vacant	502-222-9453	Dennis Campbell	502-845-2820
OWEN	Owenton	Kim Strohmeier	502-484-5703	Leonard Kearns	502-484-3979
OWSLEY	Booneville	Paul Sizemore	606-593-5109	David B. Kash	606-464-2658
PENDLETON	Falmouth	Val Shields	859-654-3395	Janelle Gardner	859-654-3374
PERRY	Hazard	Charles May	606-436-2044	Rosalind Sharon Boggs	606-436-5688
PIKE	Pikeville	Kendall Combs	606-432-2534	Kathi Sparks	606-789-3766
POWELL	Stanton	Mike Reed	606-663-6404	Claudia Turner	606-668-3111
PULASKI	Somerset	Keenan Turner	606-679-6361	Lewis Colyer	606-678-4842
ROBERTSON	Mt. Olivet	Matthew Campbell	606-724-5796	Mary Lloyd Allison	606-759-5763
ROCKCASTLE	Mt. Vernon	Tom Mills	606-256-2403	Warden Alexander	606-256-2525
ROWAN	Morehead	Robert Marsh	606-784-5457	Barry Allen	606-784-5759
RUSSELL	Russell Springs	E. Raymond Thompson	270-866-4477	Bruce Roberts	270-343-3254
SCOTT	Georgetown	Mark Reese	502-863-0984	Rita Jones	502-863-2439
SHELBY	Shelbyville	Brittany Edelson	502-633-4593	Woodson L. Staton	502-633-3294
SIMPSON	Franklin	Vacant	270-586-4484	David Burch	270-586-4732
SPENCER	Taylorsville	Bryce Roberts	502-477-2217	Jeanie M. Williams	502-538-2221
TAYLOR	Campbellsville	Patrick Hardesty	270-465-4511	David Claycomb	270-465-4651
TODD	Elkton	Curtis Judy	270-265-5659	William S. Jones	270-265-5630
TRIGG	Cadiz	Vacant	270-522-3269	Steven G. Mallory	270-522-8111
TRIMBLE	Bedford	Mike Pyles	502-255-7188	Michael Benton	502-732-6931
UNION	Morganfield	Rankin Powell	270-389-1400	Susan Girten	270-389-2393
WARREN	Bowling Green	Joanna Coles	270-842-1681	Donald Dunn	270-843-1111
WASHINGTON	Springfield	Rick Greenwell	859-336-7741	Rebecca Carrico	859-336-7774
WAYNE	Monticello	Glen Roberts	606-348-8453	Richard Crouch	606-348-9383
WEBSTER	Dixon	Vicki Shadrick	270-639-9011	Victor Brown	270-639-5073
WHITLEY	Williamsburg	Phillip Meeks	606-549-1430	Janice Sweet	606-549-1220
WOLFE	Campton	Ted Johnson	606-668-3712	Claudia Turner	606-668-3111
WOODFORD	Versailles	Mike Duckworth	859-873-4601	Ronnie Pelfrey	859-873-3411

## STATISTICAL REPORTS PROGRAM

In addition to this Annual Bulletin the Kentucky Agricultural Statistics Service publishes timely estimates on crop and livestock production, prices and various other special reports. A list of the more important reports and the approximate date of release is shown in the table below. Many of these reports are combined and republished in the twice-monthly Kentucky AGRI-NEWS, which is provided free of charge on the Internet at the following address: <http://www.nass.usda.gov/ky/>. There is a minimal charge

for the printed version of the AGRI-NEWS and Crop & Weather for non-survey respondents. Current survey respondents may receive these reports without charge. These printed reports may be obtained from :

**Kentucky Agricultural Statistics Service**  
**P. O. Box 1120**  
**Louisville, Kentucky 40201-1120**  
**(502) 582-5293**  
**1-800-928-5277**

TYPE OF REPORT	FREQUENCY OF REPORT	APPROXIMATE DATE AVAILABLE
<b>I. CROP REPORTS</b> 1. Intentions to Plant 2. Production 3. Grain Stocks 4. Annual Crop Summary 5. Crop Values 6. Winter Wheat Seedings	Annually Monthly Quarterly Annually Annually Annually	March 31 8th - 12th Jan 12; Mar 31; Jun 30; Sep 30 January 12 February 13 January 12
<b>II. LIVESTOCK REPORTS</b> 1. Cattle Inventory & Calf Crop 2. Hog Inventory & Pig Crop  3. Sheep Inventory & Lamb Crop 4. Livestock Slaughter 5. Meat Animals - Farm Production, Disposition & Income	Semi-Annually Quarterly  Annually Monthly Annually	Jan 30 - U.S. & KY, Jul 23 - U.S. Only Mar 26, June 25, Sep 24 - Top 16 States & U.S.; Dec 29 - U.S. & KY January 30 19th - 25th April 28
<b>III. DAIRY REPORTS</b> 1. Cows Milked & Milk Production 2. Milk Production & Disposition	Monthly Annually	15th - 17th April 28
<b>IV. POULTRY REPORTS</b> 1. Poultry Inventory, Dec. 1 2. Eggs, Chickens & Hatchery	Annually Monthly	January 29 21st - 30th U.S. Only
<b>V. PRICE REPORTS</b> 1. Prices Received by Farmers 2. Prices Paid by Farmers	Monthly Quarterly	27th - 31st 29th - 30th Jan, Apr, Jul, Oct
<b>VI. MISCELLANEOUS REPORTS</b> 1. Farm Numbers & Land in Farms 2. Farm Land Values, Rent 3. Farm Labor & Wage Rates	Annually Annually Quarterly	February 27 August 6 19th - 21st Feb, May, Aug, Nov U.S. & Regional
<b>VII. CROP &amp; WEATHER</b> (April - November)	Weekly	Mondays, 4:00 P.M.
<b>VIII. COUNTY ESTIMATES</b> 1. Major Commodities 2. Cash Receipts 3. KASS Info (Download from our Internet Address)	Annually Annually Annually	February - May August September

# KENTUCKY AGRICULTURAL STATISTICS SERVICE

## (ORDER FORM)

Kentucky Agri-News, Crop & Weather Reports, KASSINFO Program, Kentucky Agricultural Statistics Annual Bulletin and County Estimates are available free of charge on the Internet. For access connect to the Internet and select: <http://www.nass.usda.gov/ky/>. The KASSINFO Program contains Kentucky County data for 15 years that can be viewed by commodity or by county (Available by September 1<sup>st</sup> on the internet).

The Kentucky Agri-News and Crop & Weather Reports are available on a subscription basis. To subscribe, check the desired reports below, send this page and a check or money order payable to USDA-NASS to:



### TO SUBSCRIBE MAIL TO:

Kentucky Agricultural Statistics Service  
P.O. Box 1120  
Louisville, KY 40201-1120

- 902** ☐ \$15.00 **KENTUCKY AGRI-NEWS** - This twice-monthly four-page report is a summary of statistical reports on crop acreage and production, inventory numbers, egg and milk production and monthly price information, etc.
- 930** ☐ \$20.00 **CROP & WEATHER REPORTS** - Weekly summary published April through November providing Kentucky's crop progress and condition, weather data, soil moisture and other timely information.

All reports are free to those who provide data used for summarization. If you are a Kentucky agricultural producer who participates in our Survey Program, check the desired reports and mail to the complimentary copy address below.

This office publishes this "Kentucky Agricultural Statistics" and county estimates for crops and livestock annually. To receive a complimentary copy, check the desired reports and return a copy of this page to the address at the right.



### FOR COMPLIMENTARY COPY MAIL TO:

Kentucky Agricultural Statistics Service  
P.O. Box 1120  
Louisville, KY 40201-1120

- 950** ☐ **KENTUCKY AGRICULTURAL STATISTICS** - Annual bulletin containing all major statistics for the year at the State and county level (Available about October 1).
- 951** ☐ **CROP COUNTY ESTIMATES** (Annually).
- 952** ☐ **LIVESTOCK COUNTY ESTIMATES** (Annually).

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### ORDERED BY:

COMPANY OR INDIVIDUAL NAME: \_\_\_\_\_

ADDITIONAL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

PHONE AND FAX NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

# AGRICULTURE RELATED INTERNET WEB SITES

## KENTUCKY

### AG RELATED STATE AGENCIES:

Kentucky Department of Agriculture	<a href="http://www.kyagr.com">http://www.kyagr.com</a>
Kentucky Agricultural Statistics Service	<a href="http://www.nass.usda.gov/ky">http://www.nass.usda.gov/ky</a>
Kentucky Fair & Exposition Center	<a href="http://www.kyfairexpo.org">http://www.kyfairexpo.org</a>

### COMMODITY GROUPS:

Kentucky Cattlemen's Association	<a href="http://www.kycattle.org">http://www.kycattle.org</a>
Kentucky Corn Growers Association	<a href="http://www.kycorn.org">http://www.kycorn.org</a>
Kentucky Soybean Association	<a href="http://www.kysoy.org">http://www.kysoy.org</a>

### OTHER GROUPS:

Kentucky Farm Bureau Federation	<a href="http://www.kyfb.com">http://www.kyfb.com</a>
University of Kentucky College of Agriculture	<a href="http://www.ca.uky.edu">http://www.ca.uky.edu</a>
University of Kentucky Ag Weather Center	<a href="http://www.agwx.ca.uky.edu">http://www.agwx.ca.uky.edu</a>
Kentucky FFA	<a href="http://www.kyffa.org">http://www.kyffa.org</a>

## NATIONAL

### FEDERAL AGENCIES:

United States Department of Agriculture	<a href="http://www.usda.gov">http://www.usda.gov</a>
Farm Service Agency	<a href="http://www.fsa.usda.gov">http://www.fsa.usda.gov</a>
Natural Resources Conservation Service	<a href="http://www.nrcs.usda.gov">http://www.nrcs.usda.gov</a>
National Agricultural Statistics Service	<a href="http://www.usda.gov/nass">http://www.usda.gov/nass</a>
Economic Research Service	<a href="http://www.ers.usda.gov">http://www.ers.usda.gov</a>
National Agricultural Library	<a href="http://www.nalusda.gov">http://www.nalusda.gov</a>
Joint Agricultural Weather Facility	<a href="http://www.usda.gov/oce/waob/jawf">http://www.usda.gov/oce/waob/jawf</a>

### COMMODITY GROUPS:

National Corn Growers Association	<a href="http://www.ncga.com">http://www.ncga.com</a>
American Soybean Association	<a href="http://www.soygrowers.com">http://www.soygrowers.com</a>
Burley Tobacco Growers Coop	<a href="http://www.burleytobacco.com">http://www.burleytobacco.com</a>
National Cattlemen's Beef Association	<a href="http://www.beef.org">http://www.beef.org</a>
National Pork Producers Council	<a href="http://www.nppc.org">http://www.nppc.org</a>

### OTHER GROUPS:

National FFA Organization	<a href="http://www.ffa.org">http://www.ffa.org</a>
Farm Safety 4 Just Kids	<a href="http://www.fs4jk.org">http://www.fs4jk.org</a>
University of Minnesota Farm Safety Resources	<a href="http://www.bae.umn.edu/">http://www.bae.umn.edu/</a>
National Education Center for Agricultural Safety	<a href="http://www.nsc.org/necas.htm">http://www.nsc.org/necas.htm</a>
Stratsoy	<a href="http://www.stratsoy.uiuc.edu">http://www.stratsoy.uiuc.edu</a>